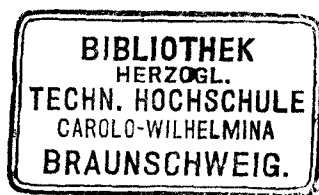
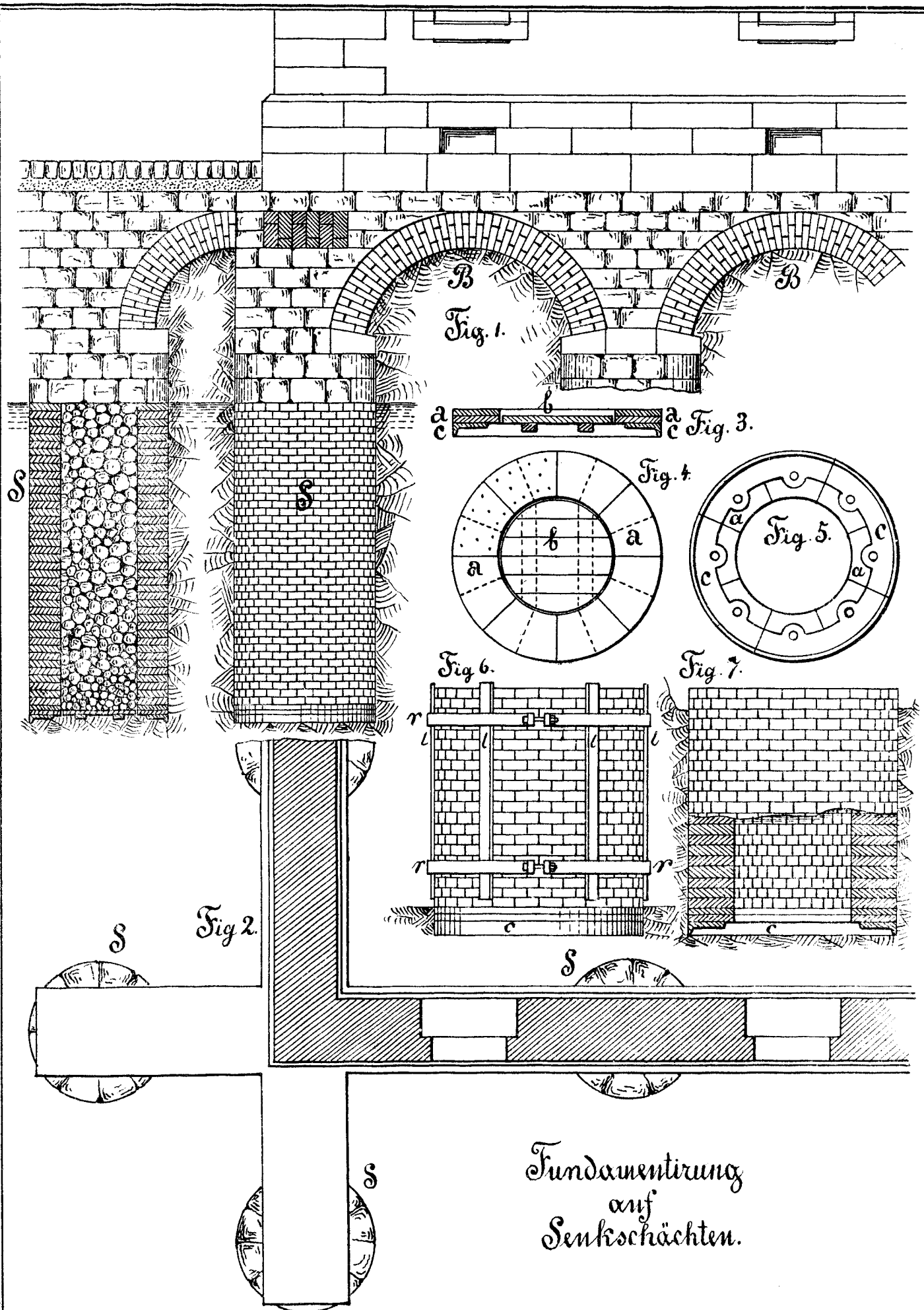


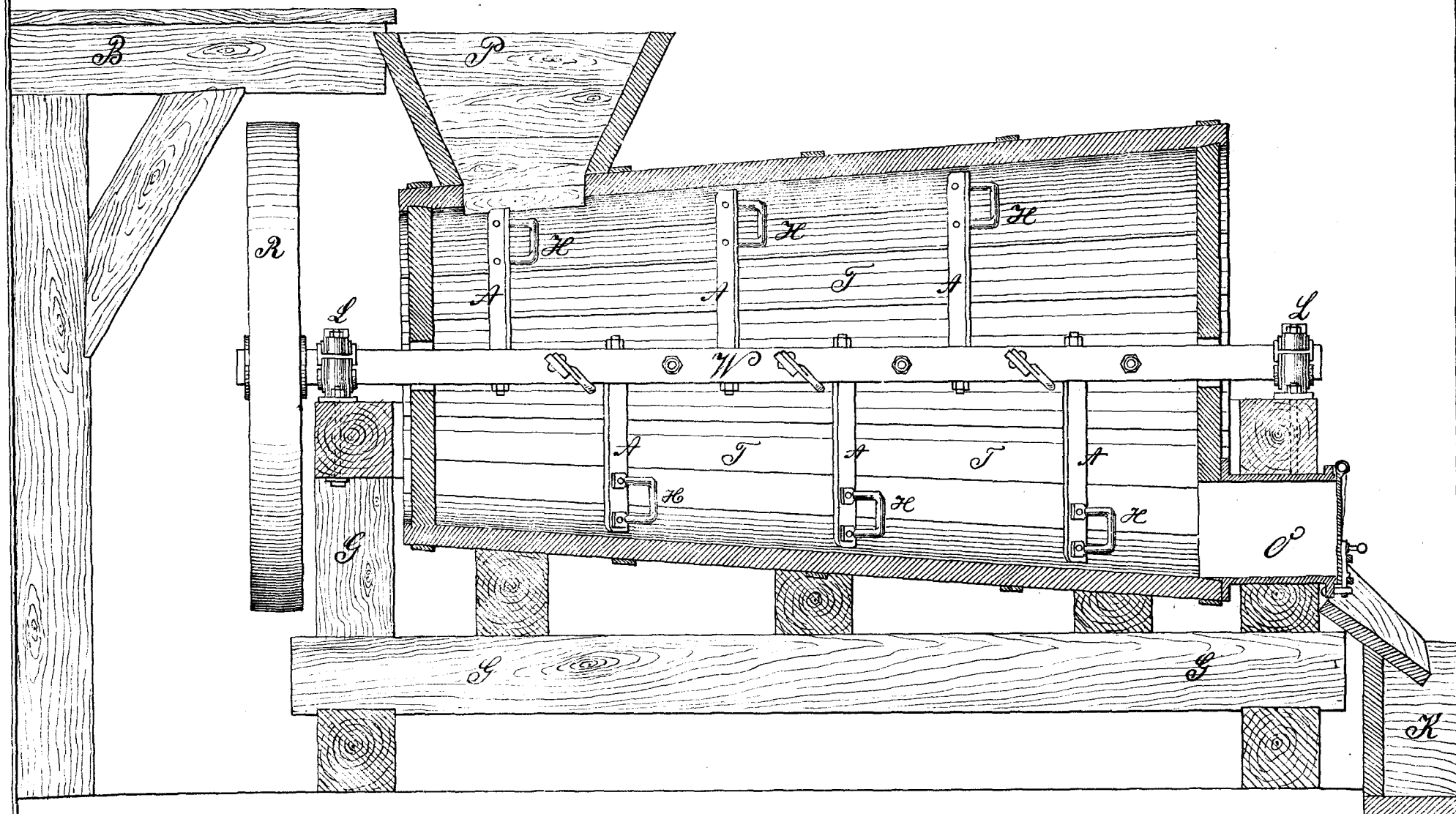
Autographien
zu den
VORTRÄGEN
des
Professors Hülburg
über
Ingenieur-Bankunde.

43 66





Mörtelmaschine.



Beton-Schüttelkasten.

Fig. 1.

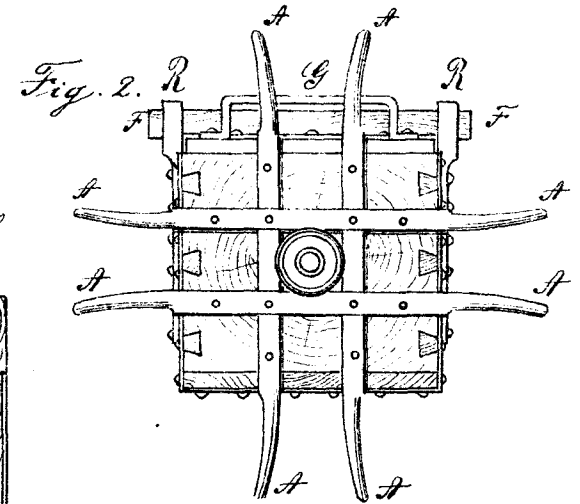
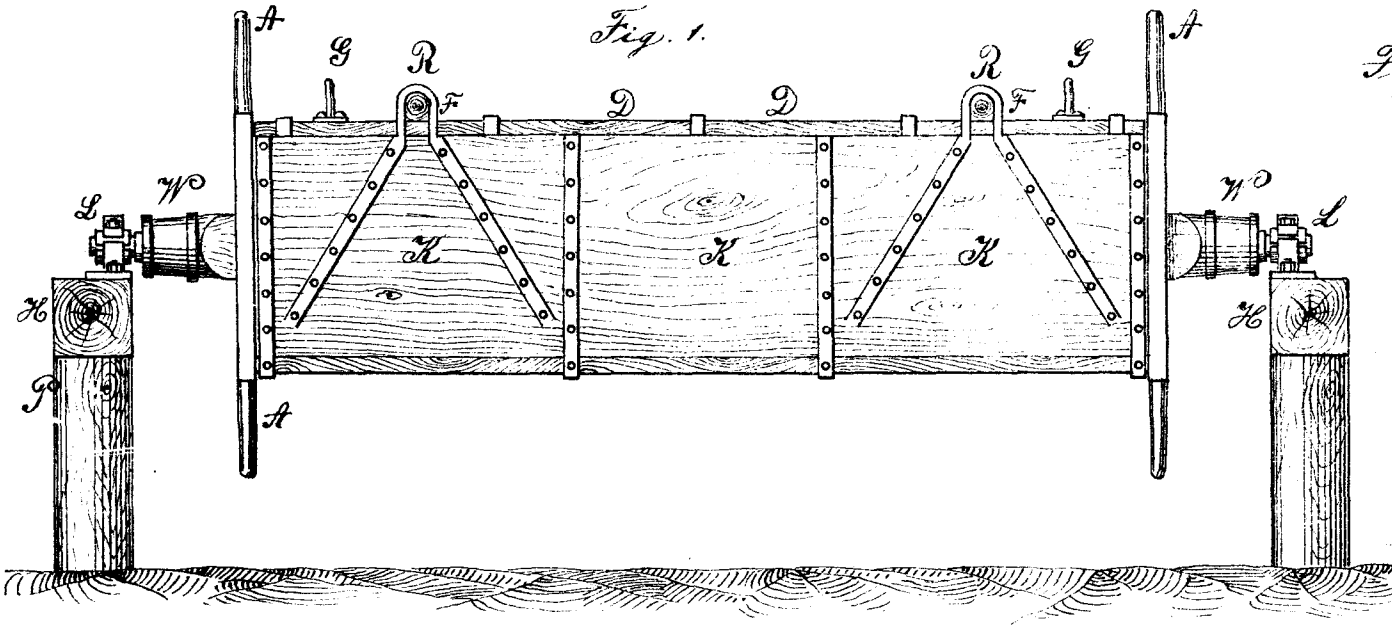


Fig. 3.

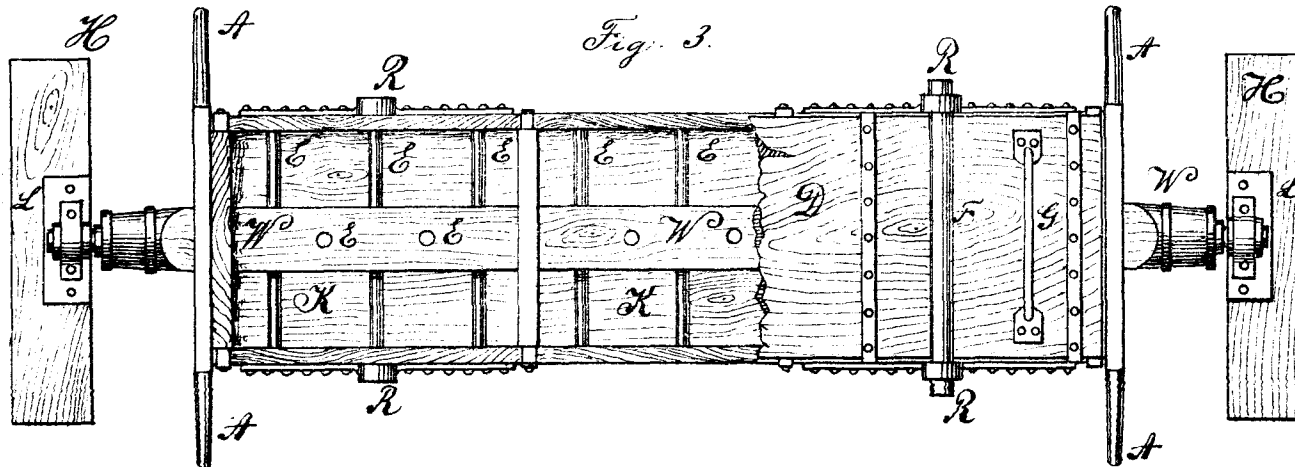
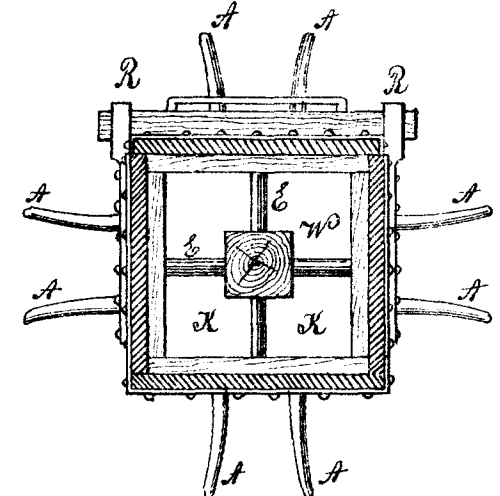
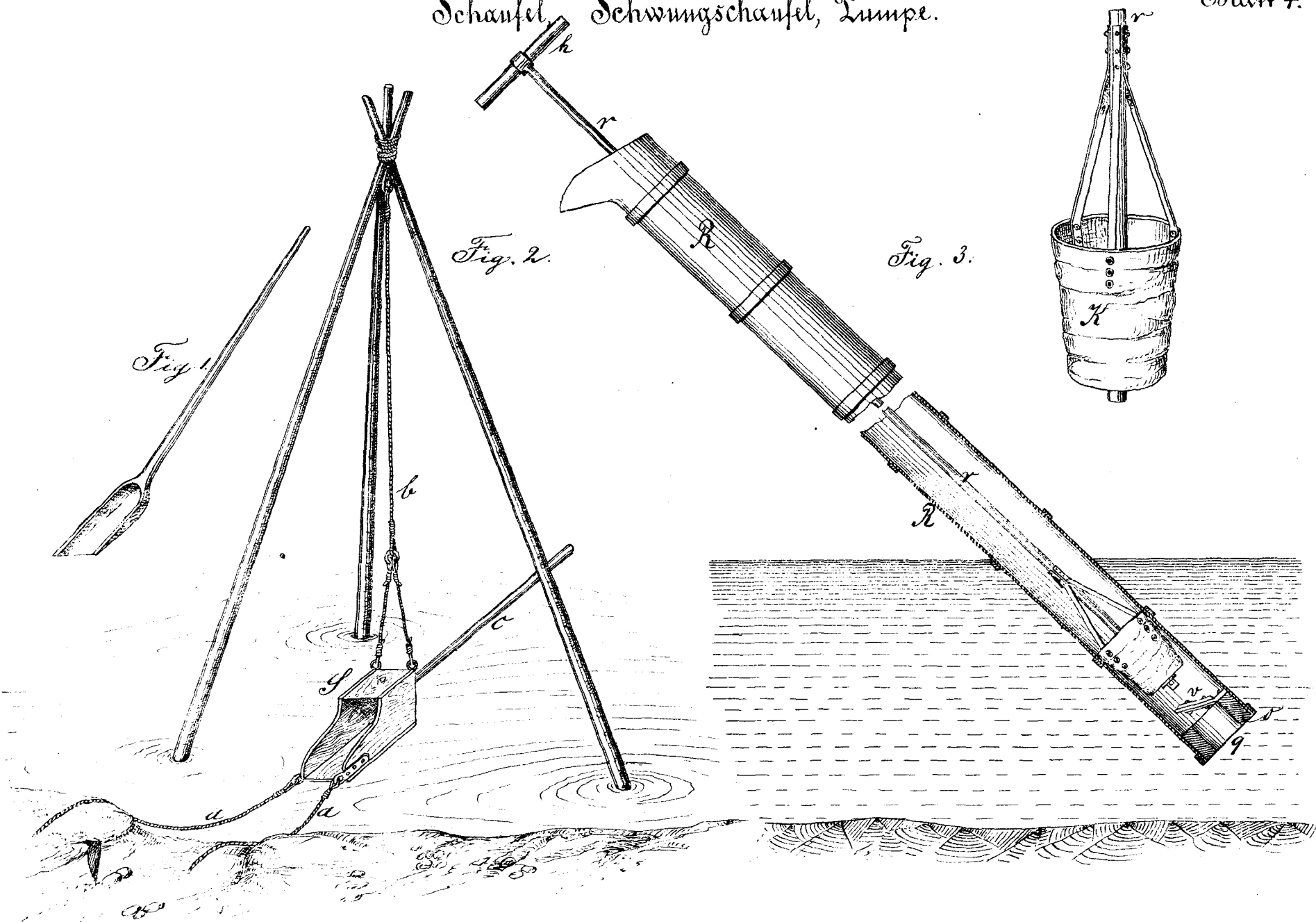


Fig. 4.



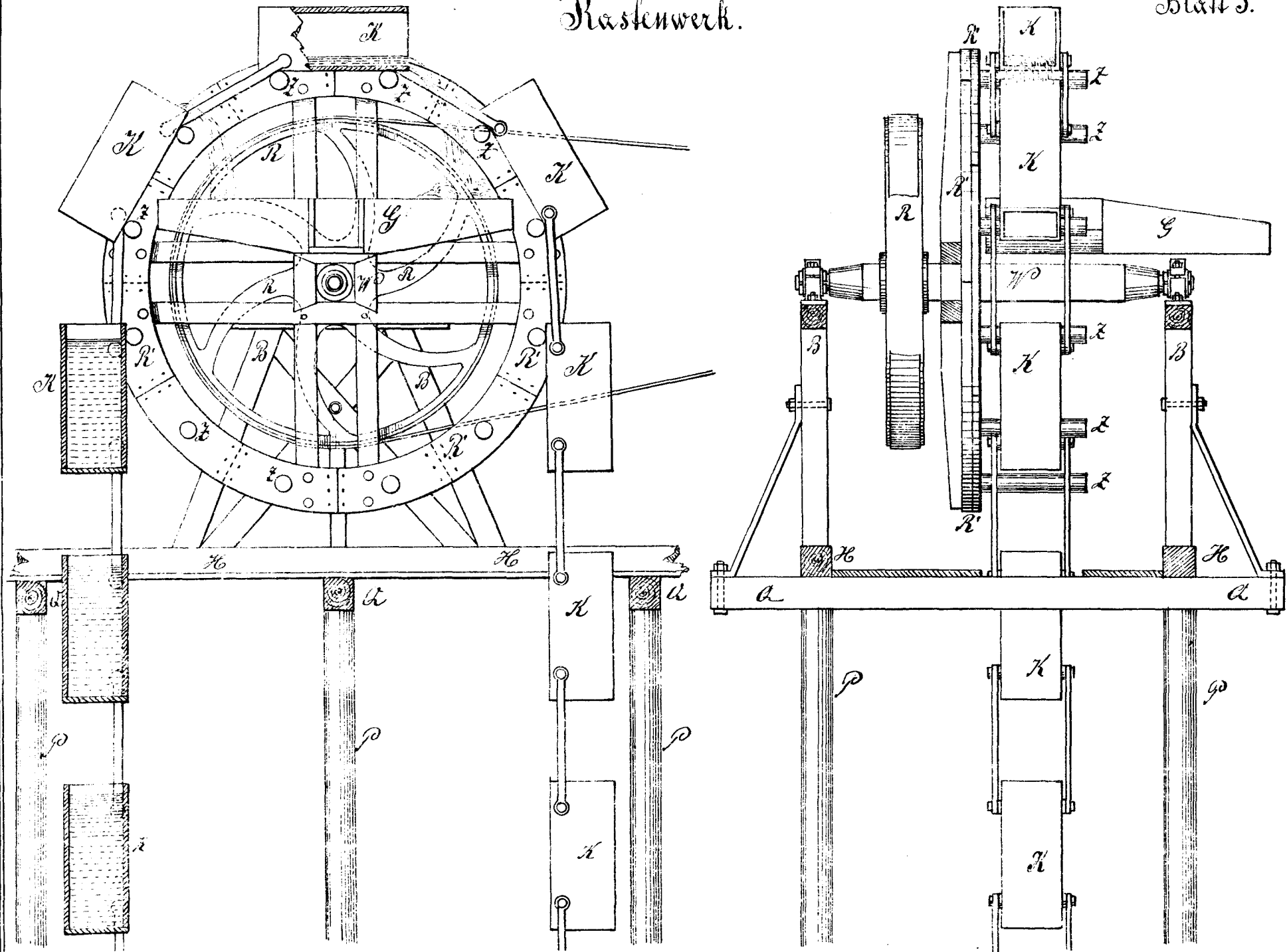
Schaufel, Schwungschaufel, Lumpe.

Blatt 4.



Kastenwerk.

Blatt 5.



Kastenwerk.

Fig. 1.

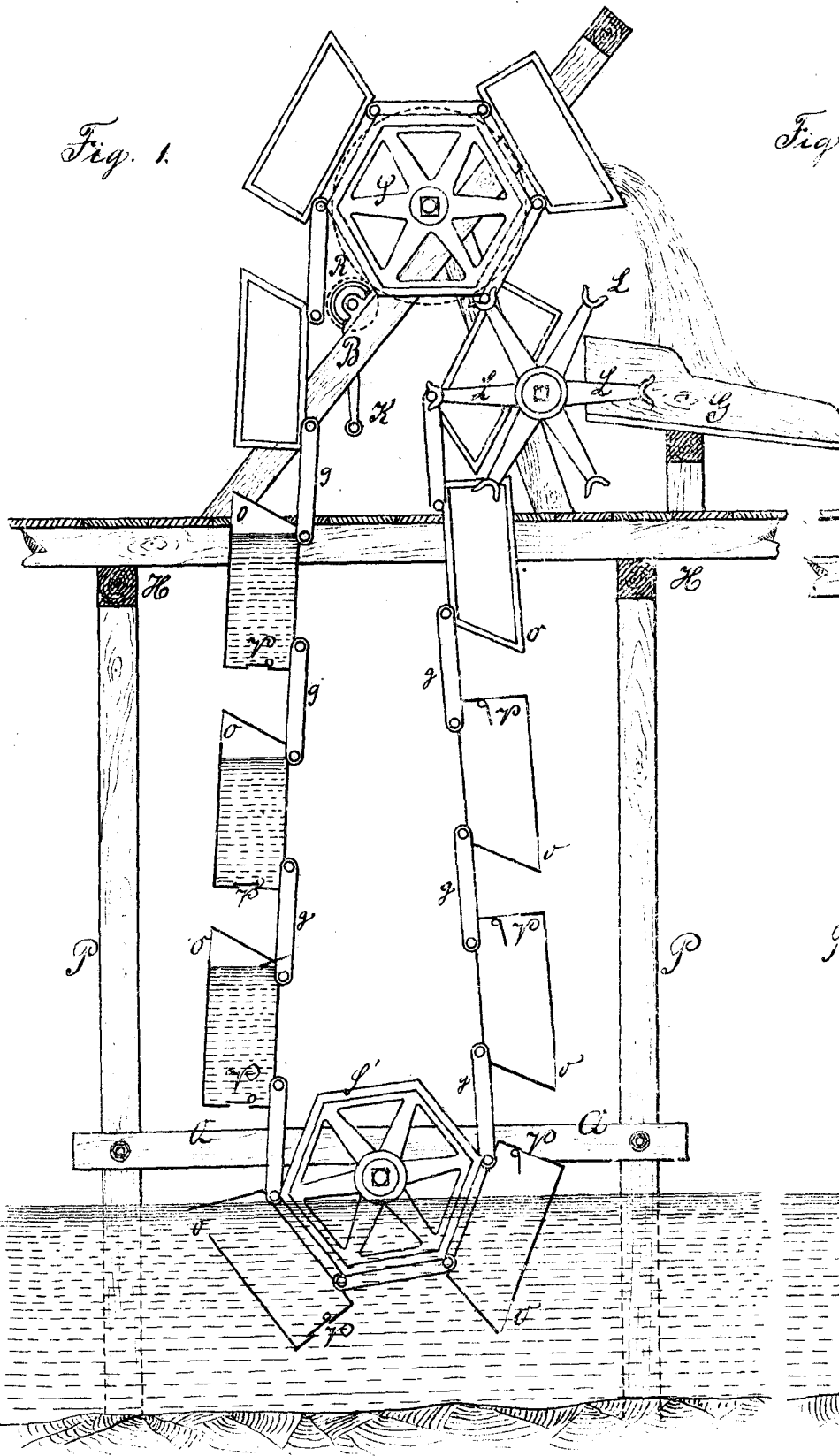
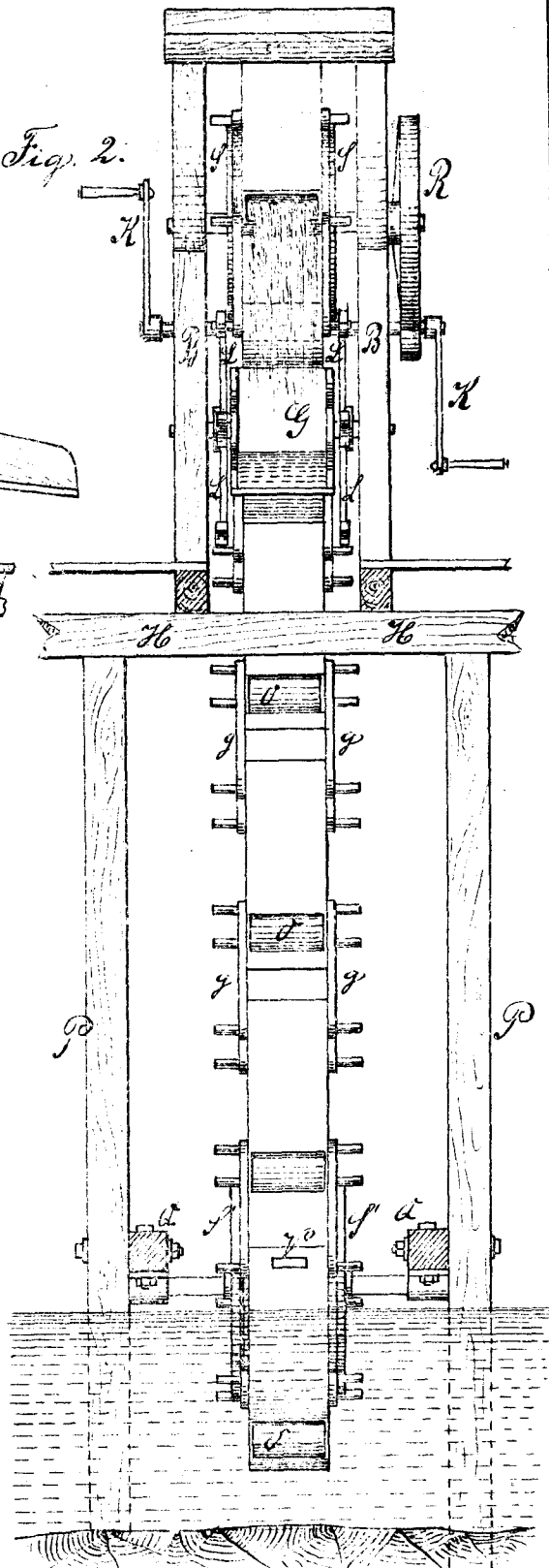
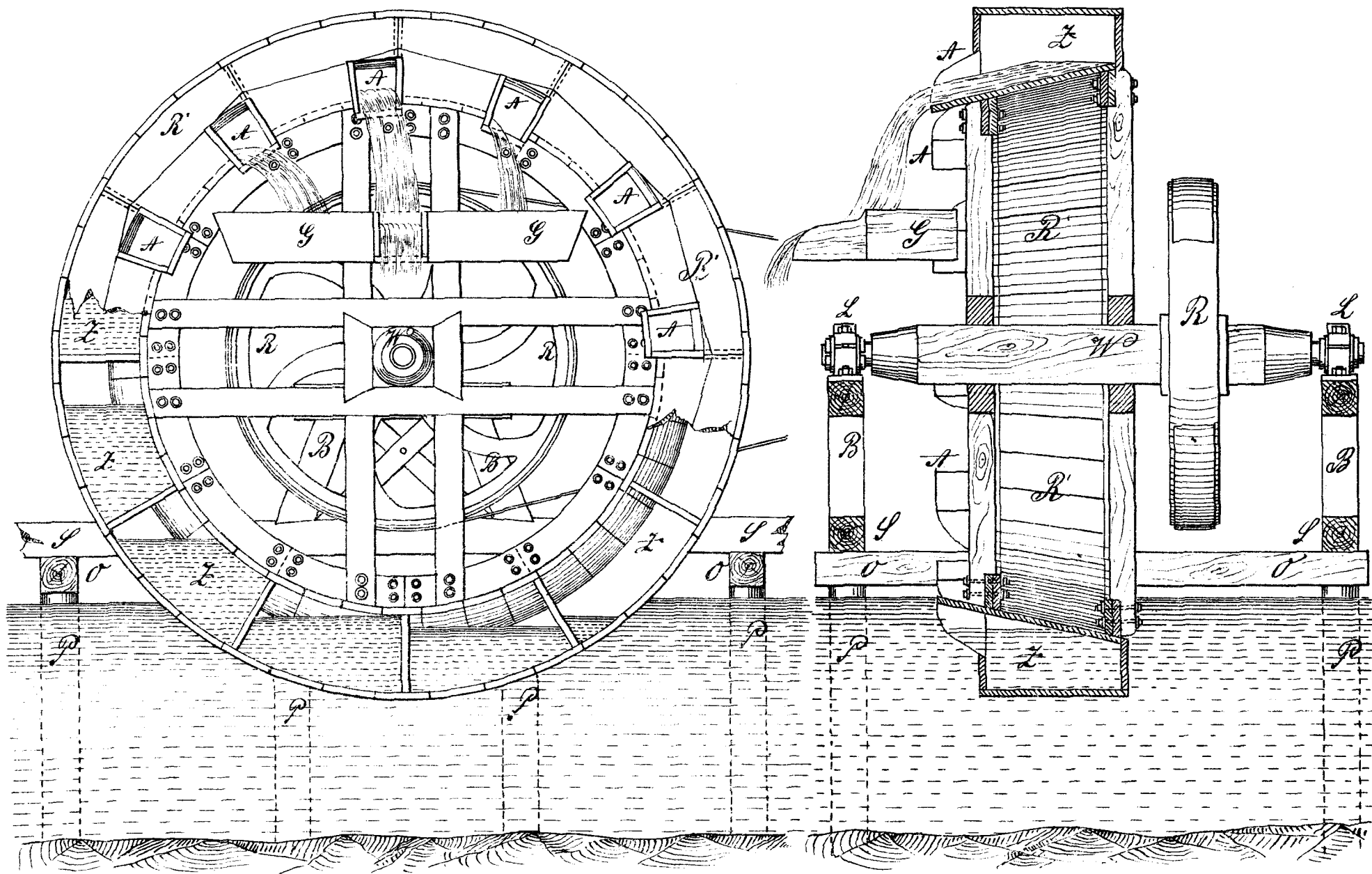


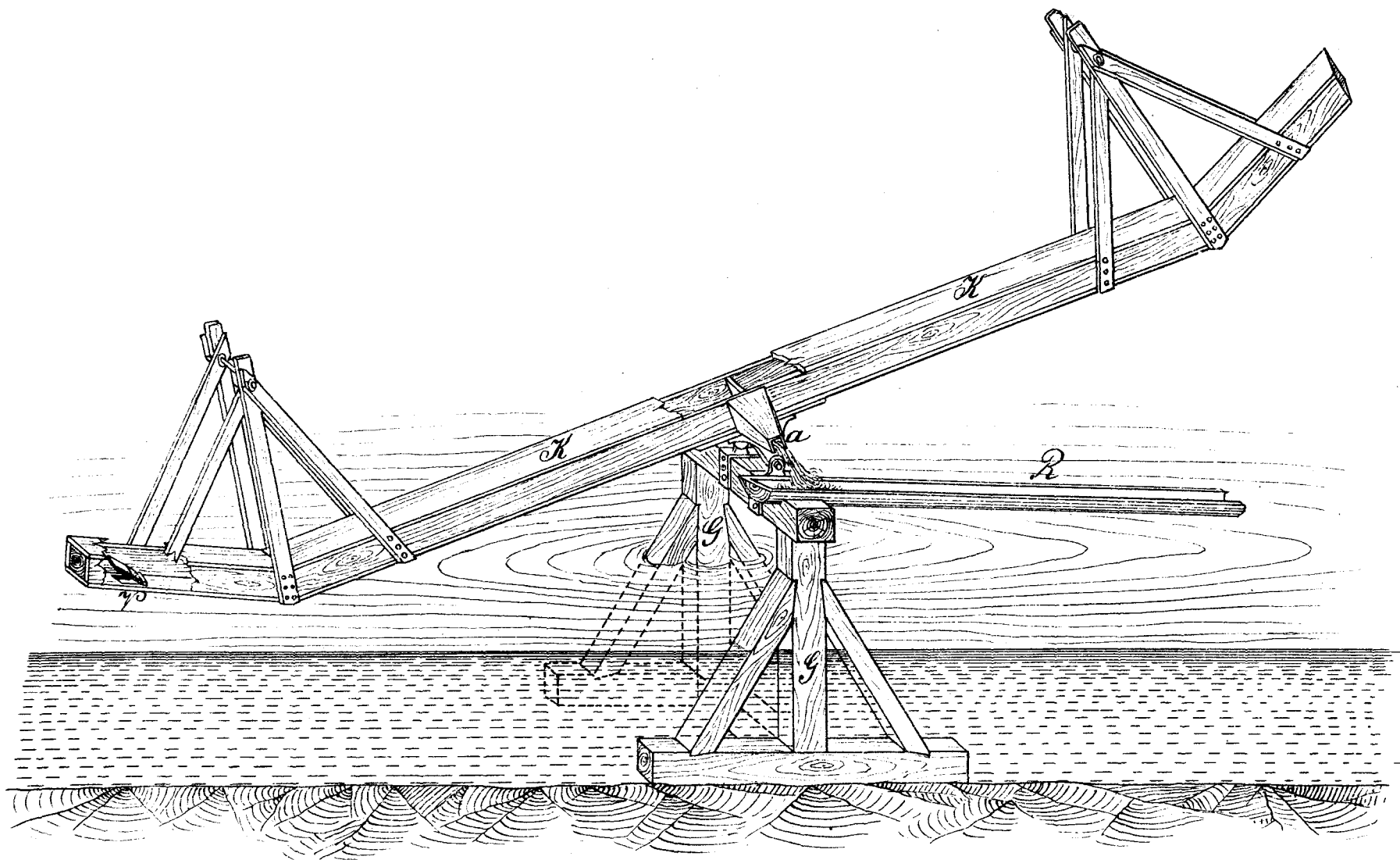
Fig. 2.



Schöpfrad mit Zellen.



Wipptrog.



Schöpfrad mit Spiralgängen.

Fig. 1.

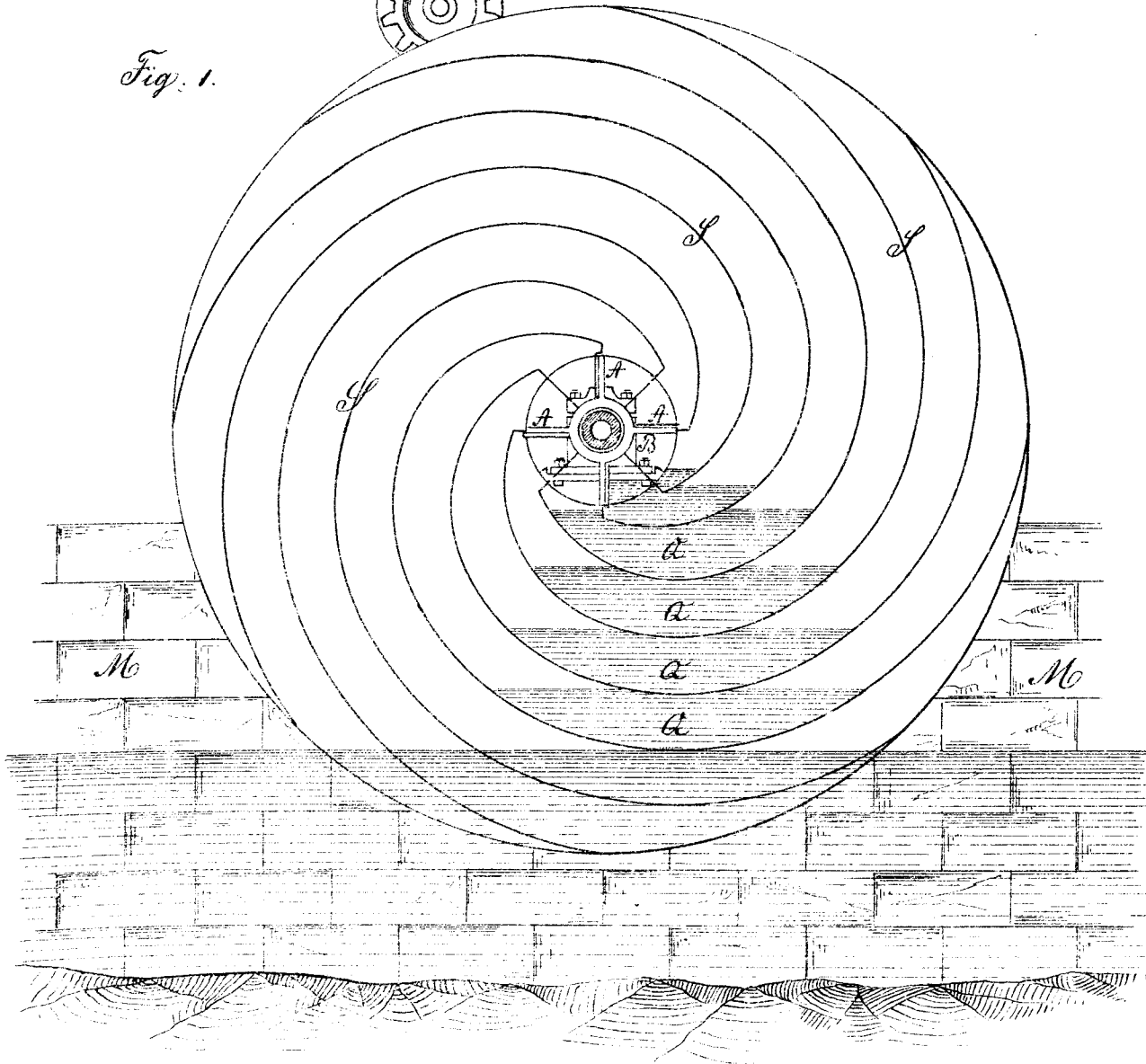
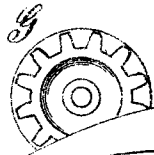
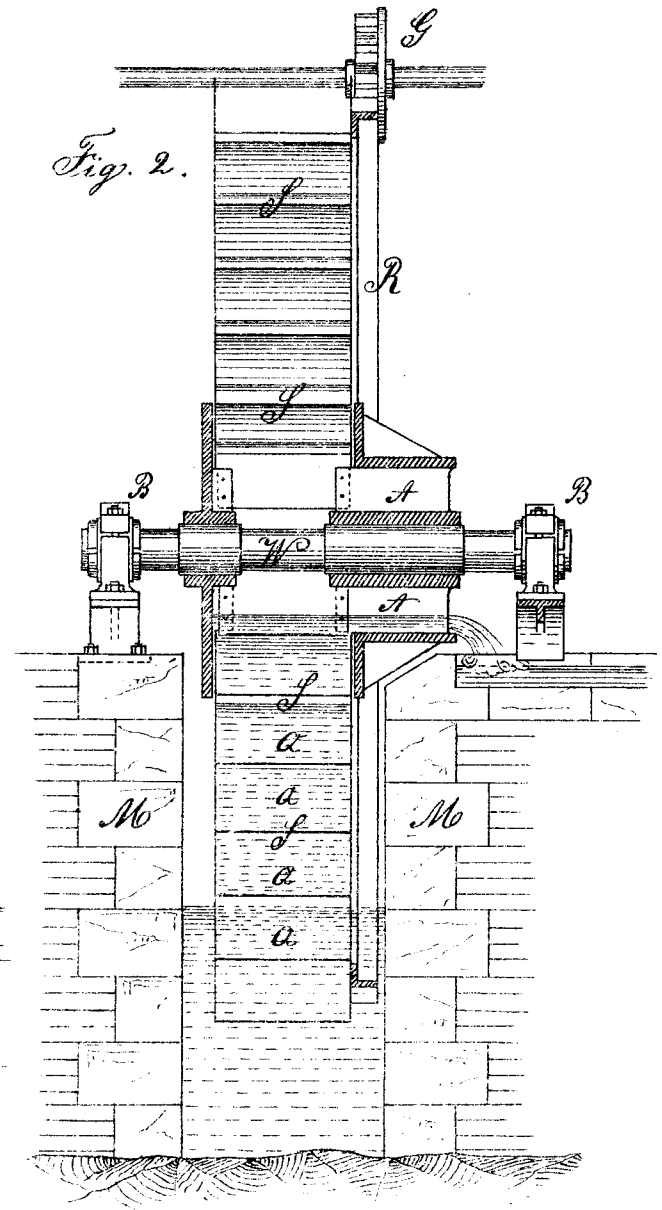
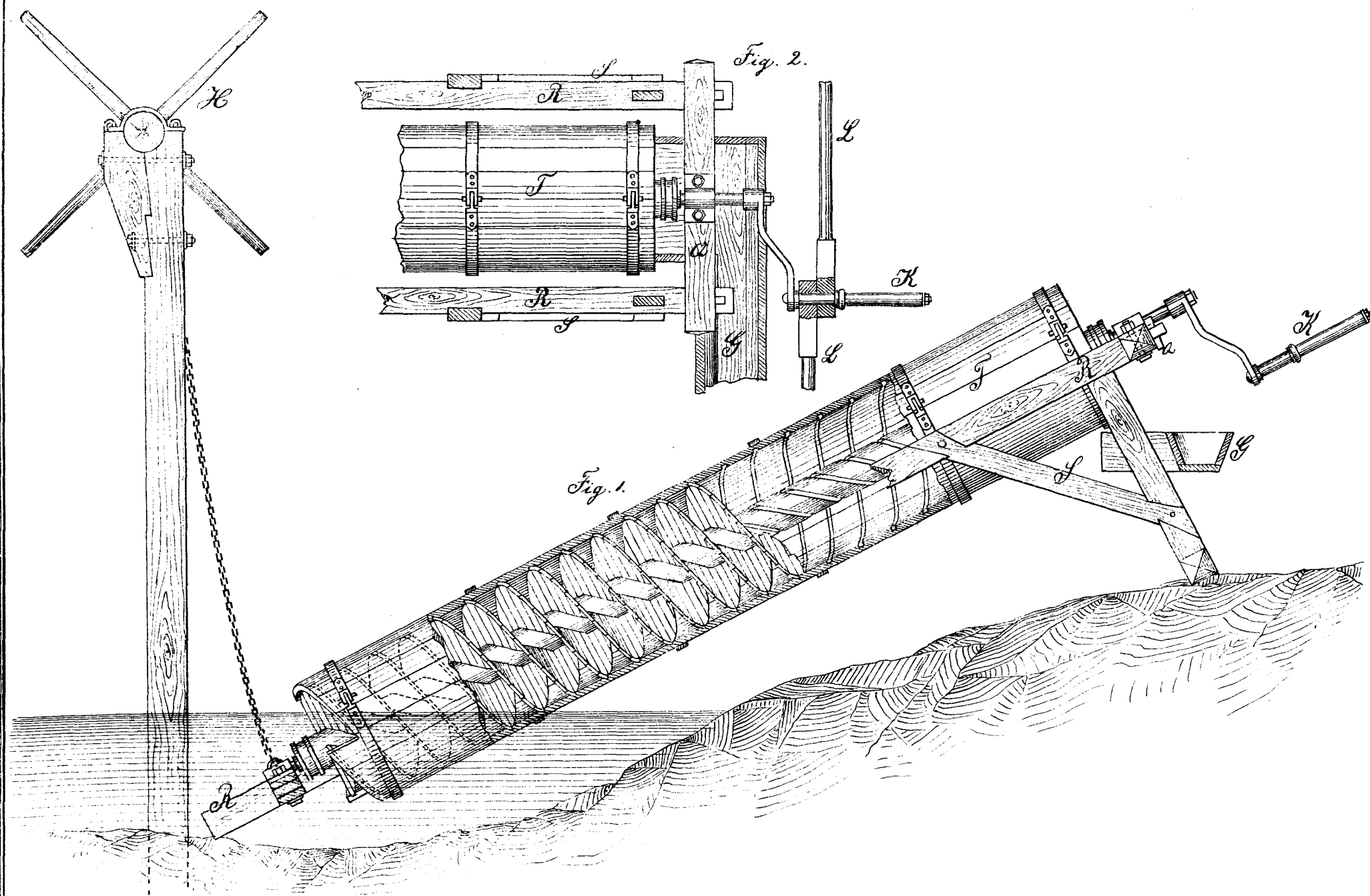


Fig. 2.



Wasserschnecke.



Centrifugalpumpe.

Fig. 1.

Schnitt nach R.T.

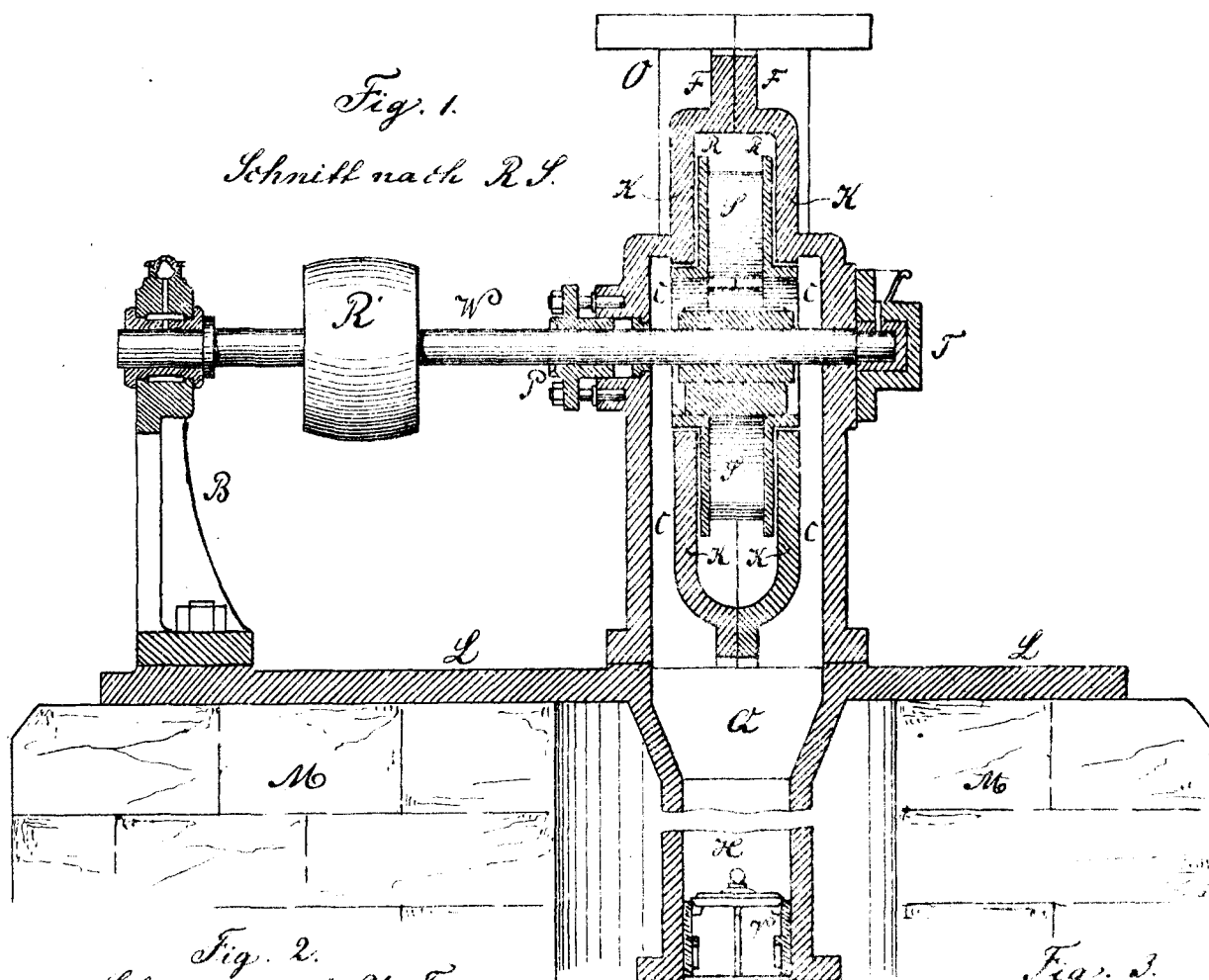


Fig. 2.

Schnitt nach U.T.

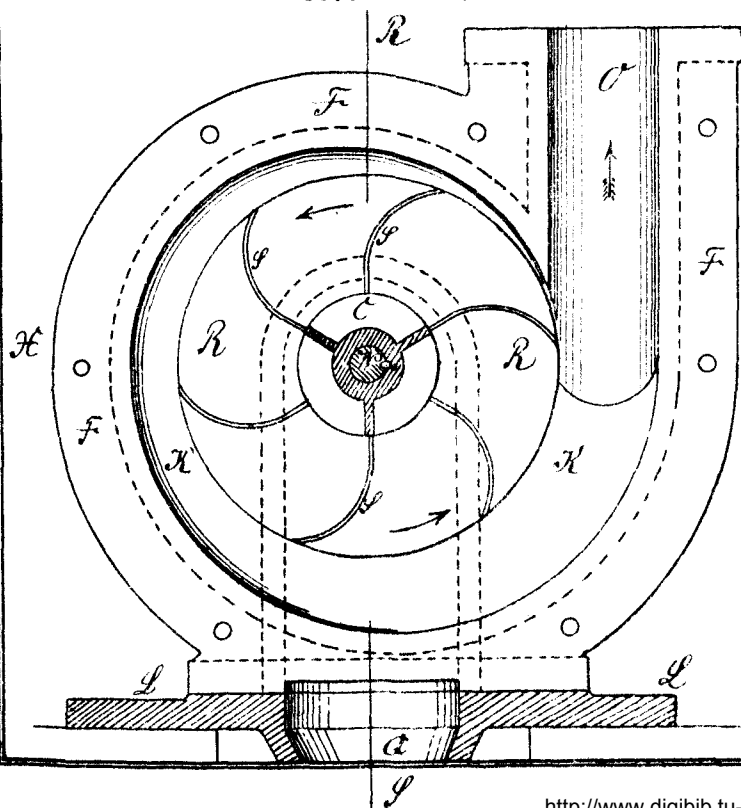
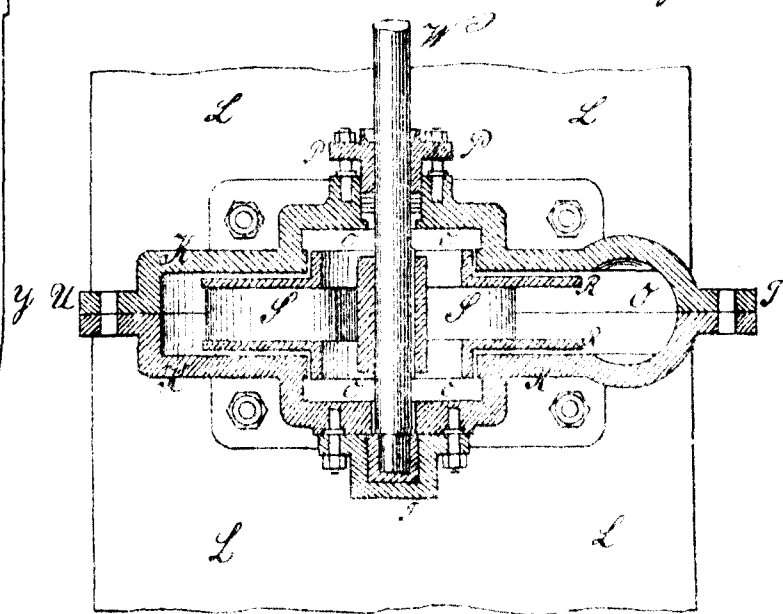


Fig. 3.

Schnitt nach X.Y.



Kettenpumpe.

Blatt 12.

Fig. 1.

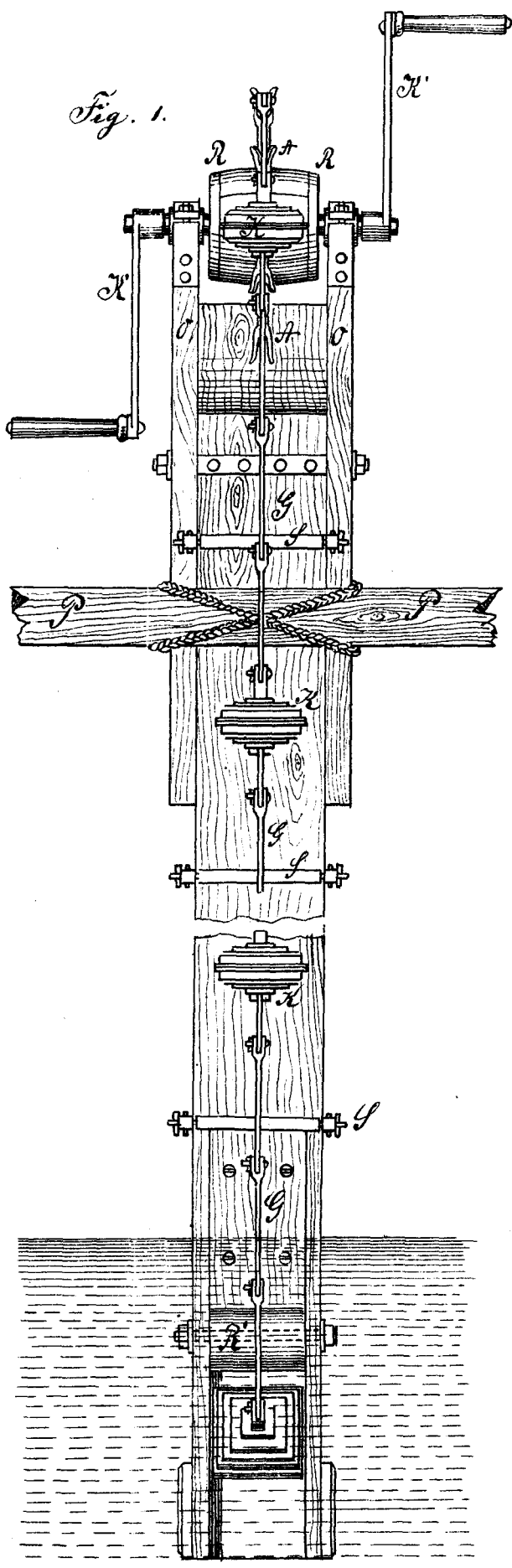
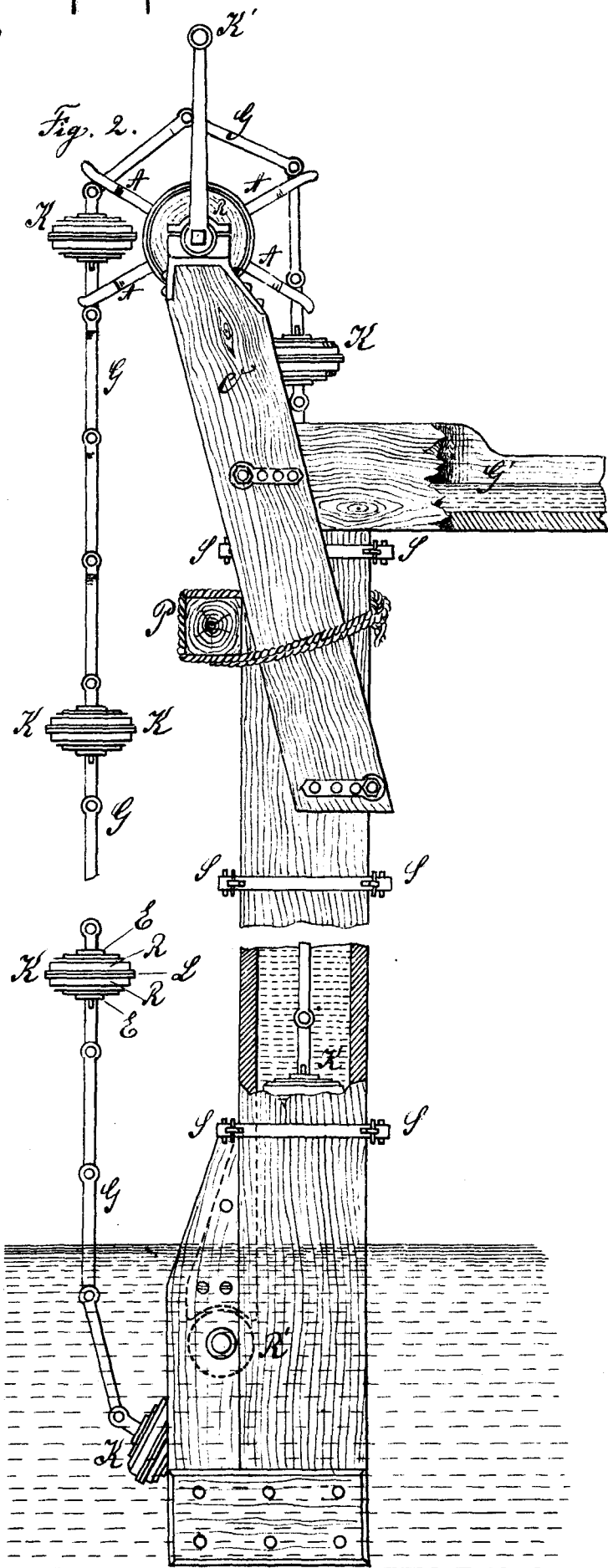
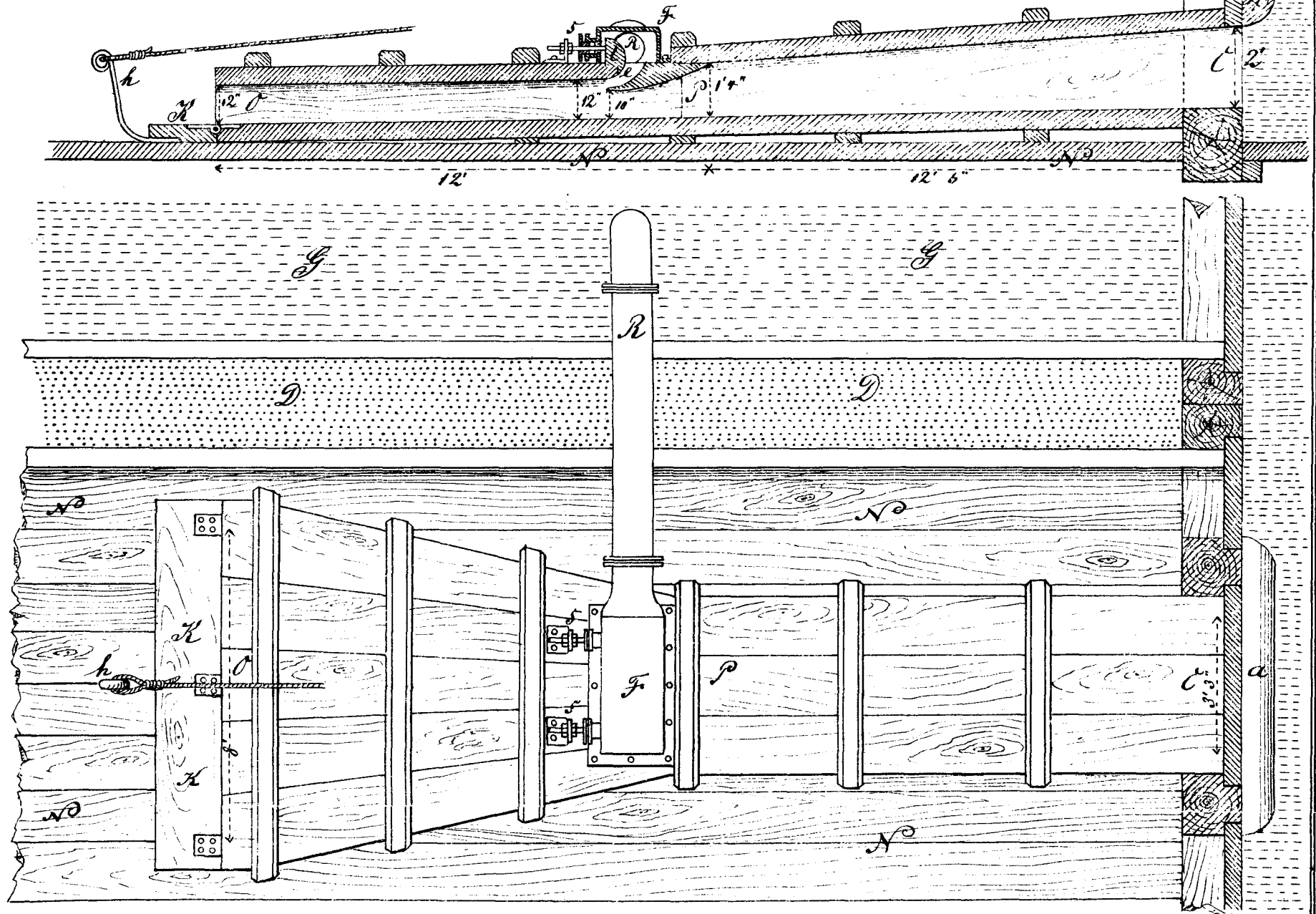


Fig. 2.



Wasser-Saugapparat.

Blatt 13.



Schäufelwerk.

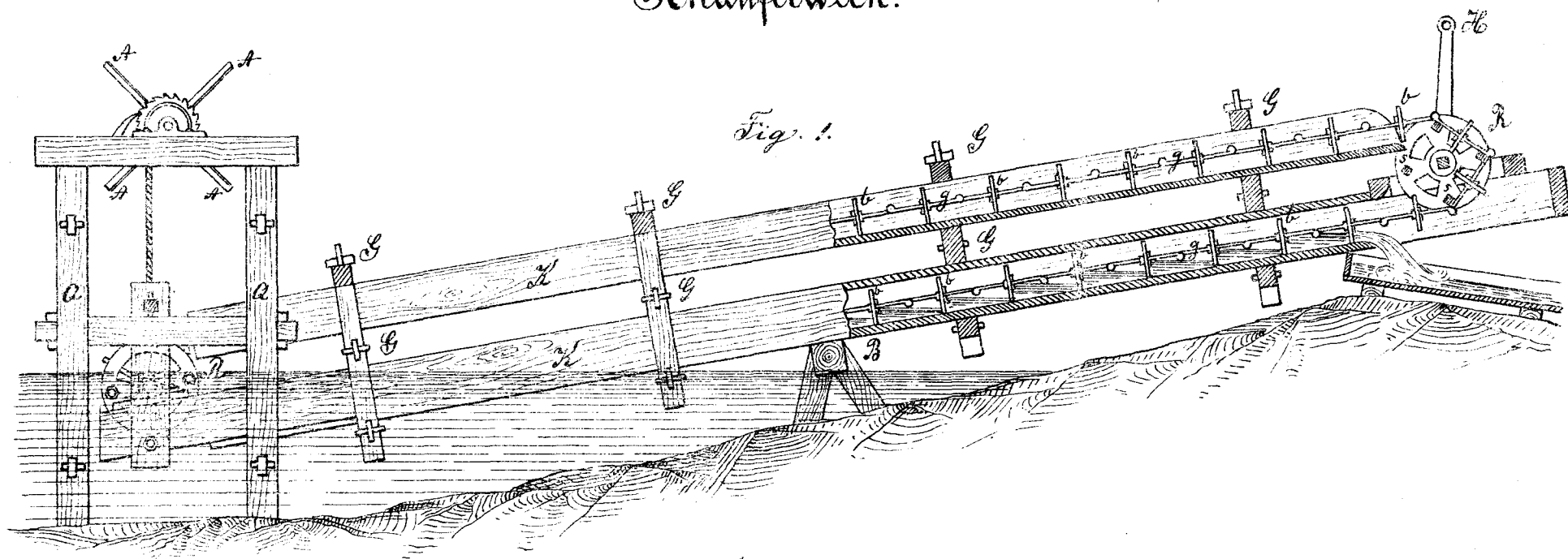


Fig. 1.

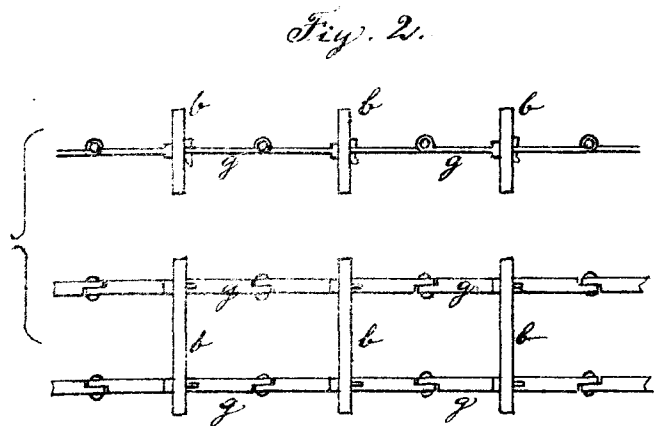


Fig. 2.

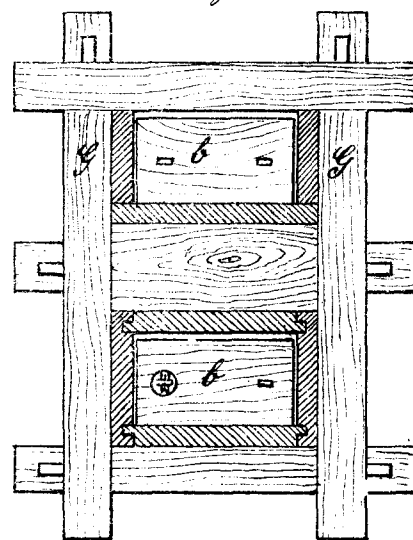


Fig. 3.

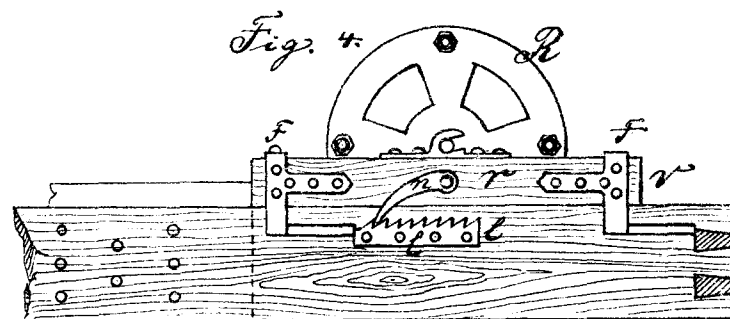
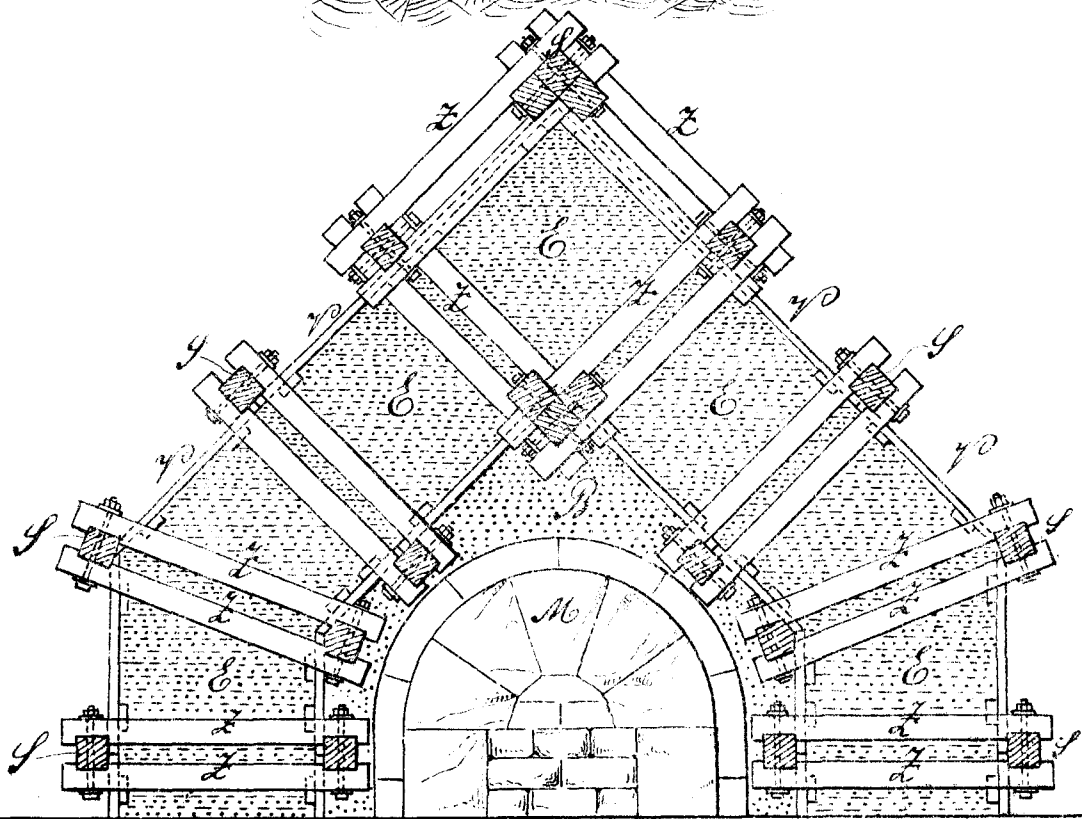
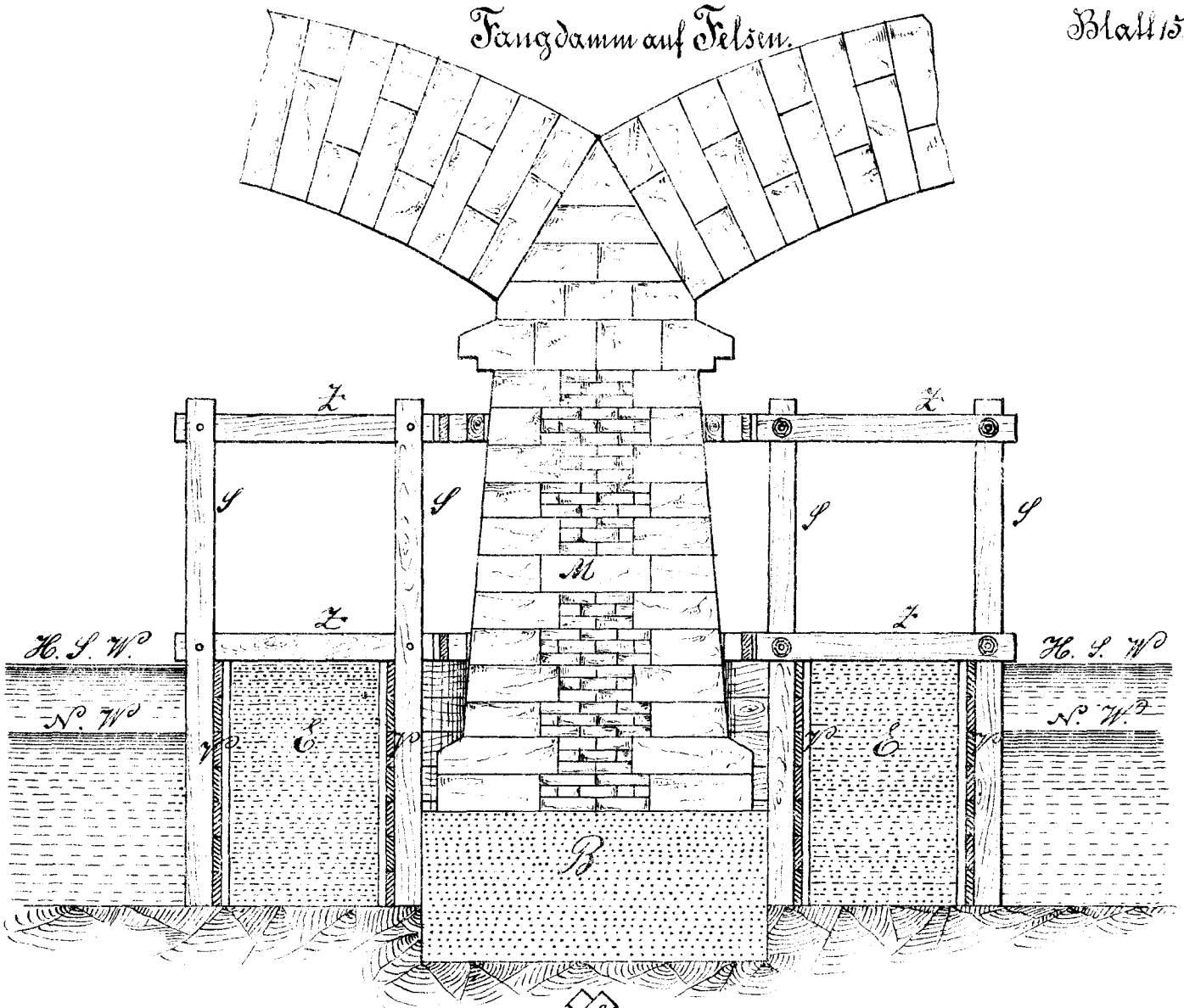
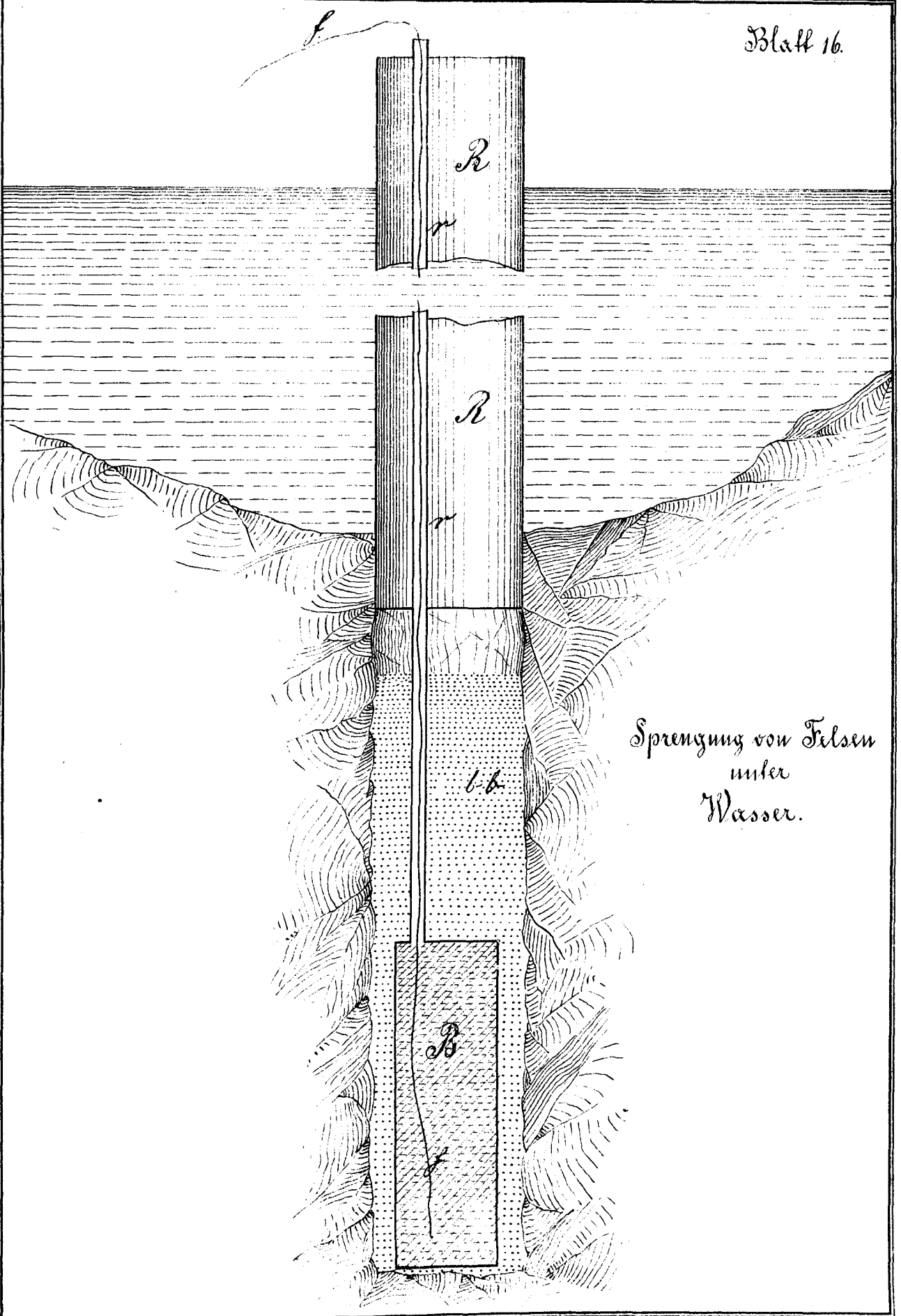


Fig. 4.

Fangdamm auf Felsen.

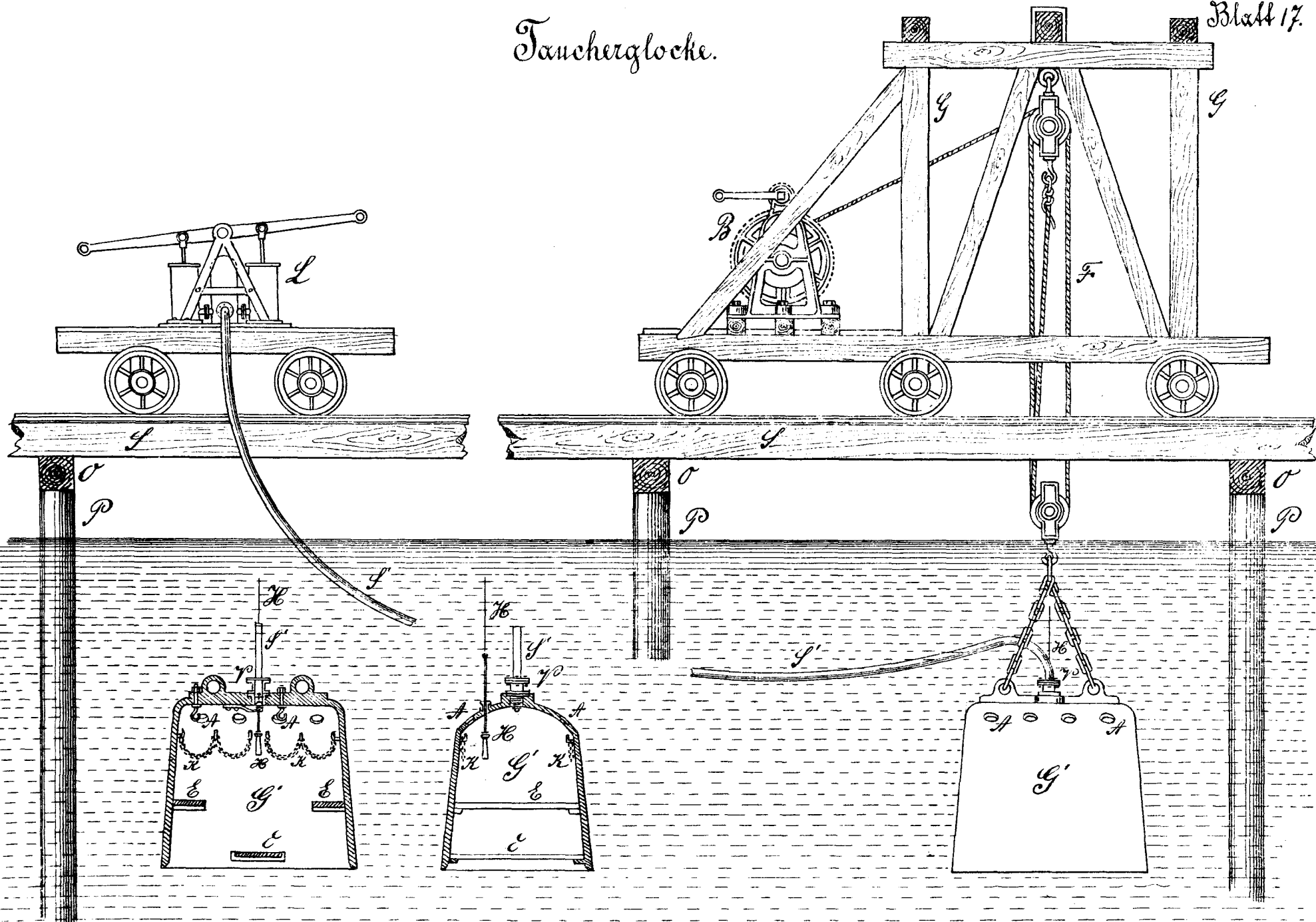
Blatt 15





Taucherglocke.

Blatt 17.



Taucherschiff.

Fig. 1.

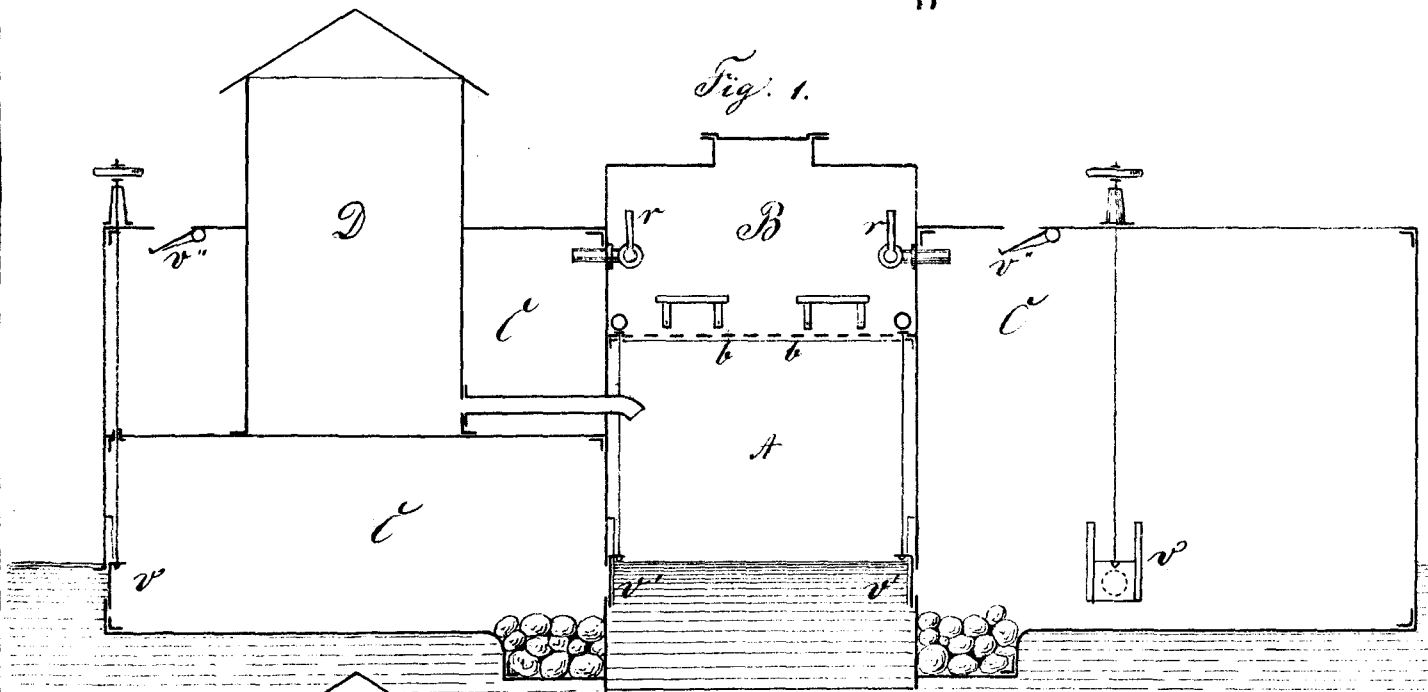


Fig. 2.

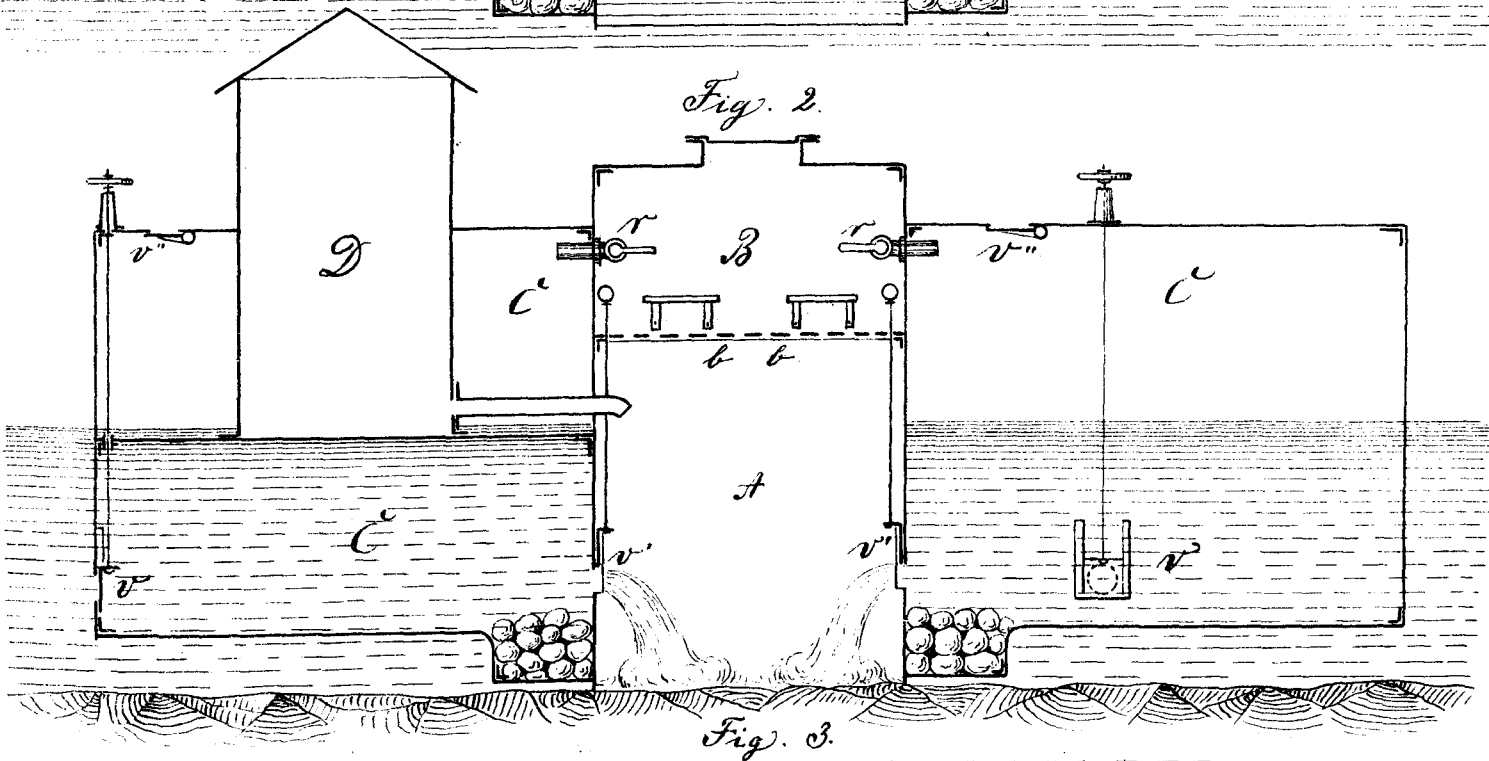
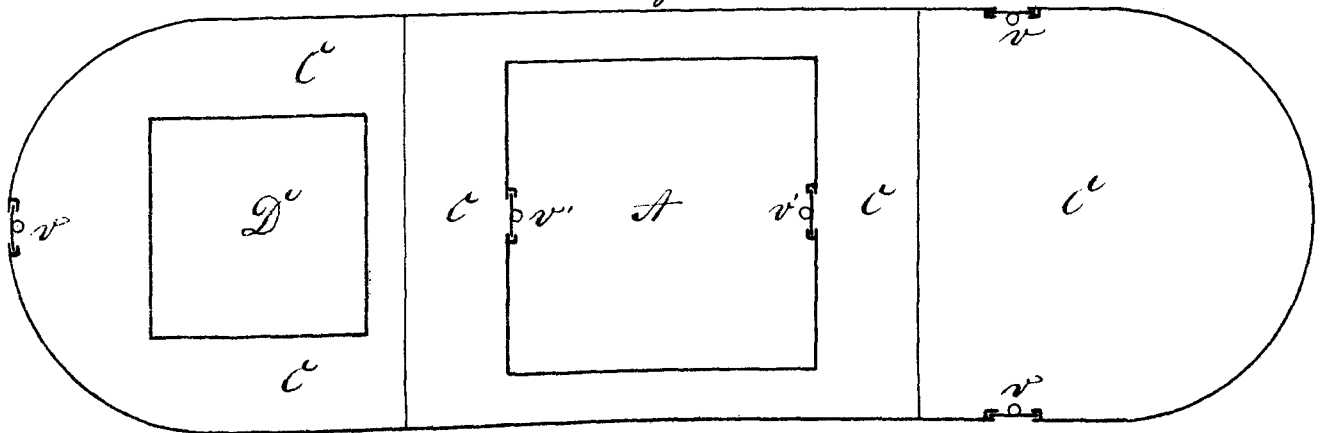


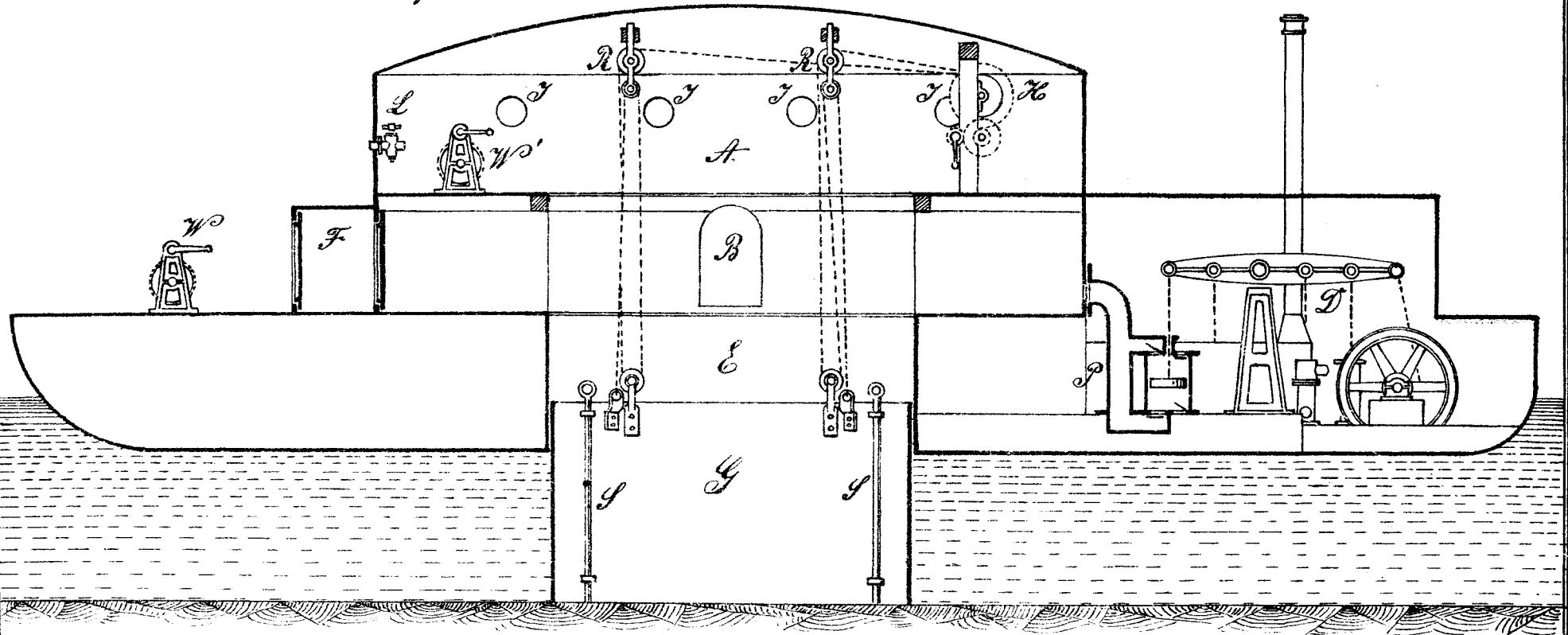
Fig. 3.



Taucherschiff.

Blatt. 19.

G. Glocke.
 E. Führung der Glocke.
 W. Winde zum Fortbewegen des Schiffes.



A. Luftkammer.
 F. Vorplatz oder Luftschleuse.
 B. Thür zum Hineinbringen der Materialien
 in die Kammer.
 P. Luftpumpe.
 L. Luftthahn.

W. Winde zur Handhabung der Materialien.
 H. Winde zum Aufziehen und Niederlassen der Glocke.
 G. Eisenstäbe zum Feststellen der Glocke.
 J. Linsen zur Beleuchtung.
 R. Flaschenzüge.
 D. Dampfmaschine.

Spundwände.

Blatt 20.

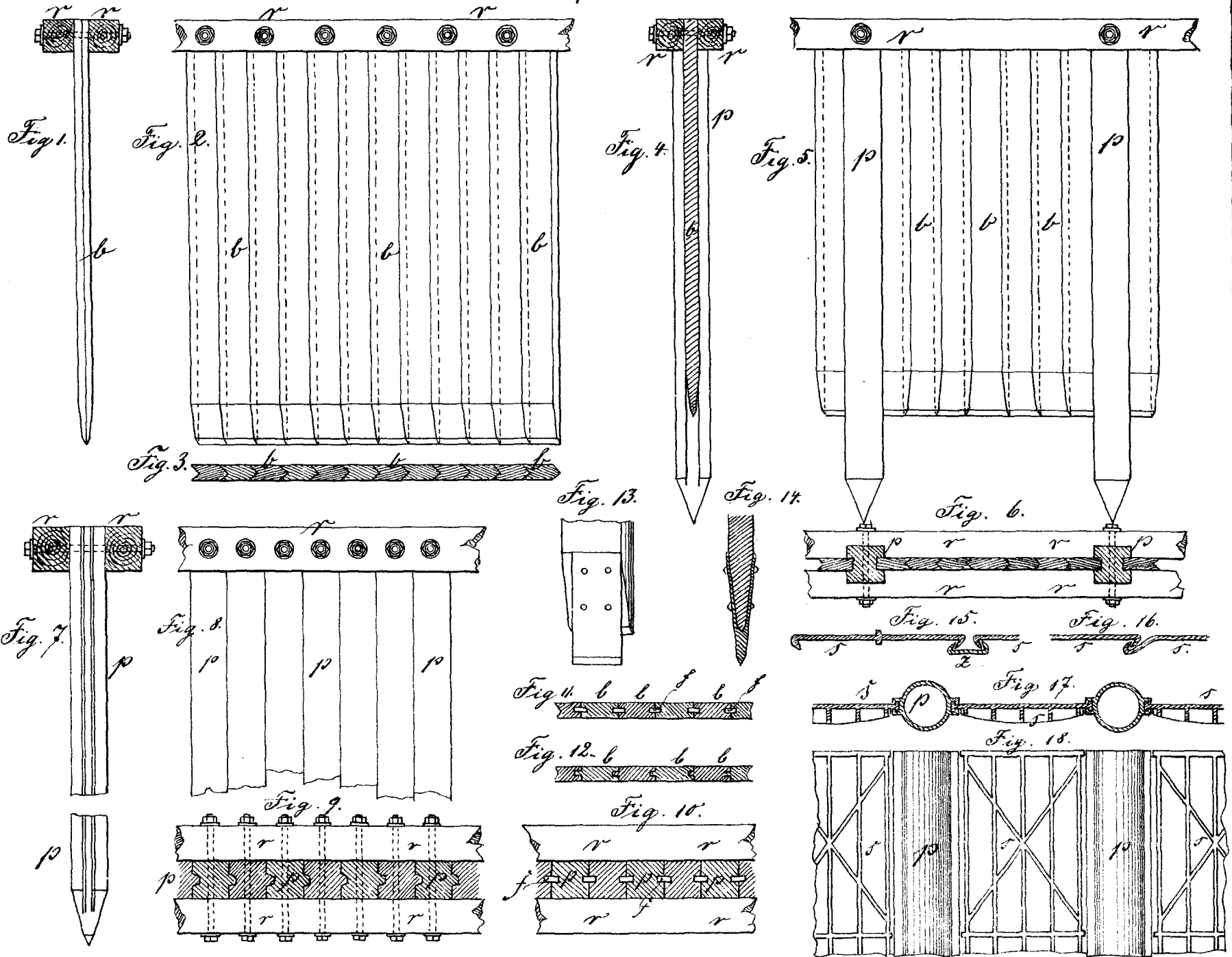
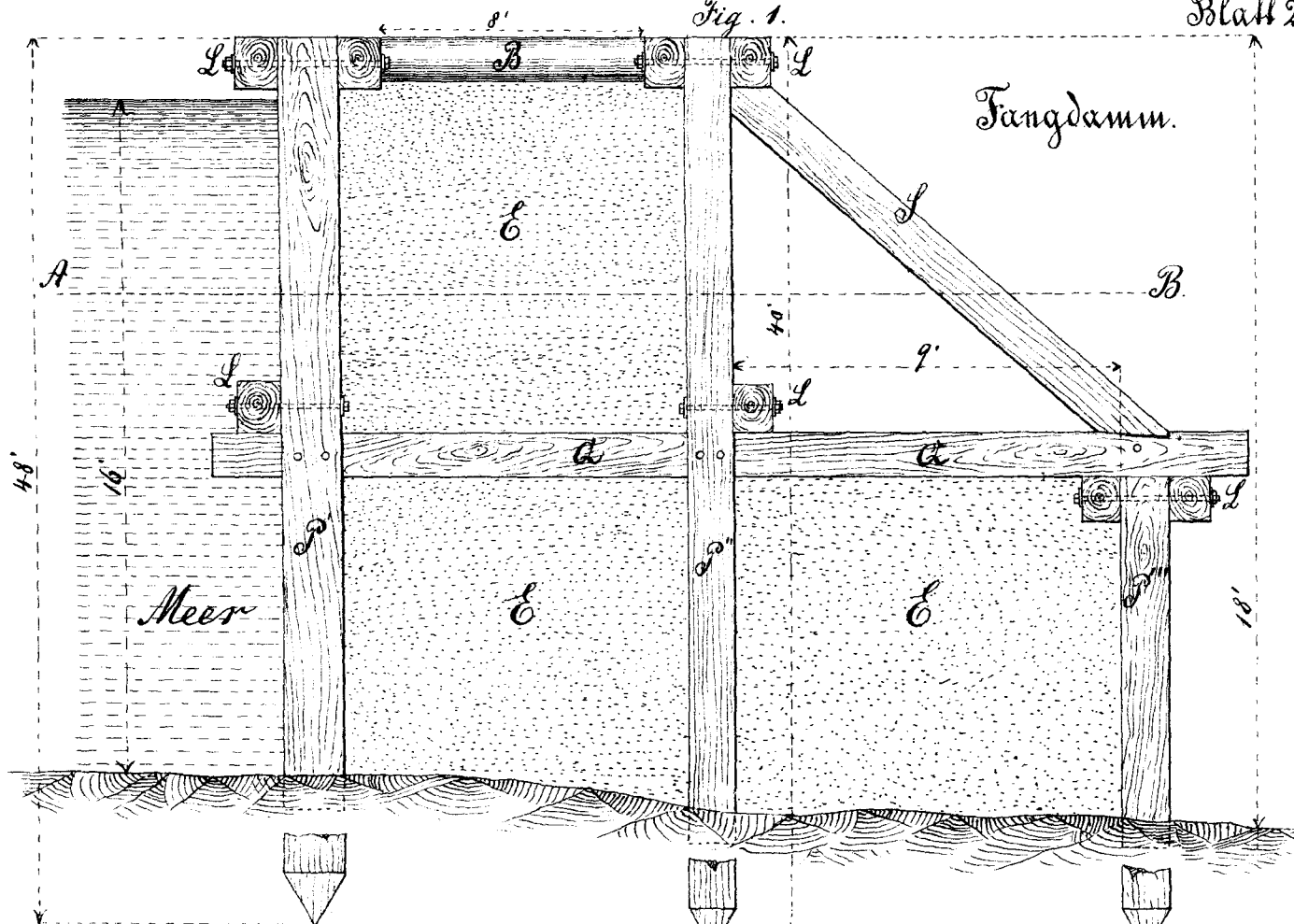
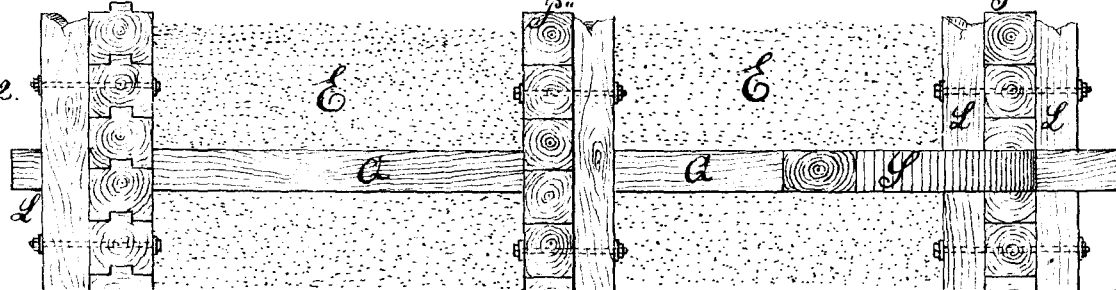


Fig. 1.



Schnitt nach A B.

Fig. 2.



Fangdamm.

Blatt 22.

Fig. 1.

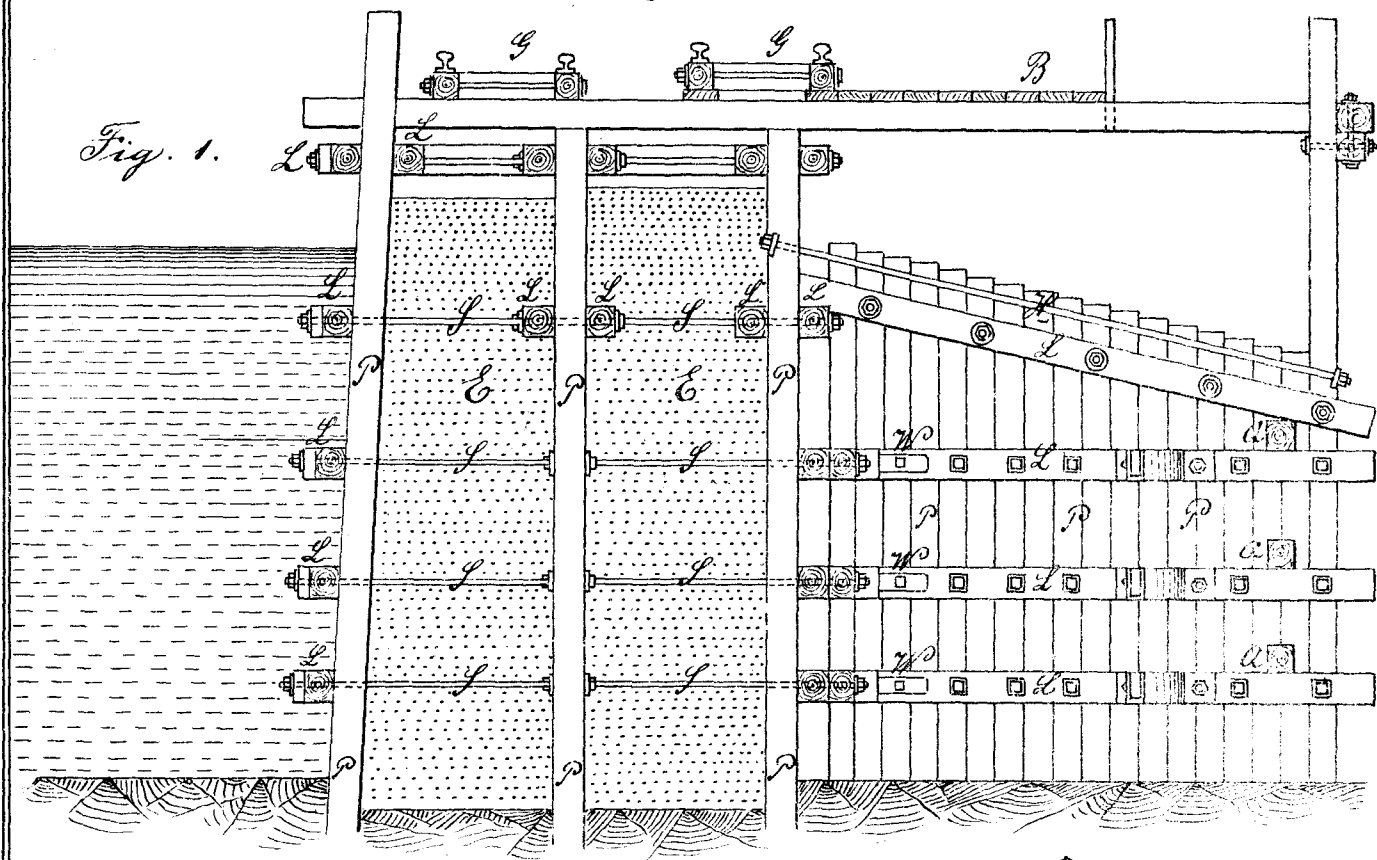
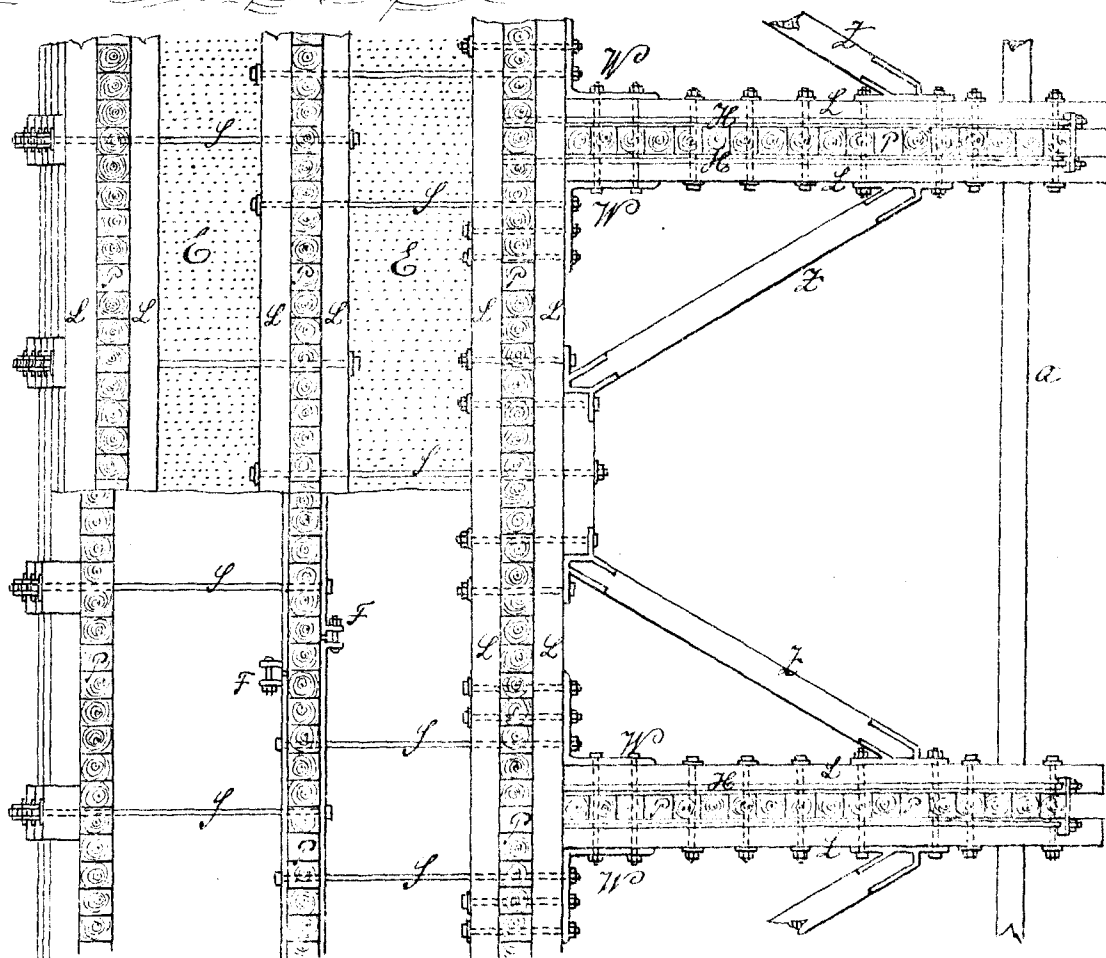


Fig. 2.



Kofferdamm.

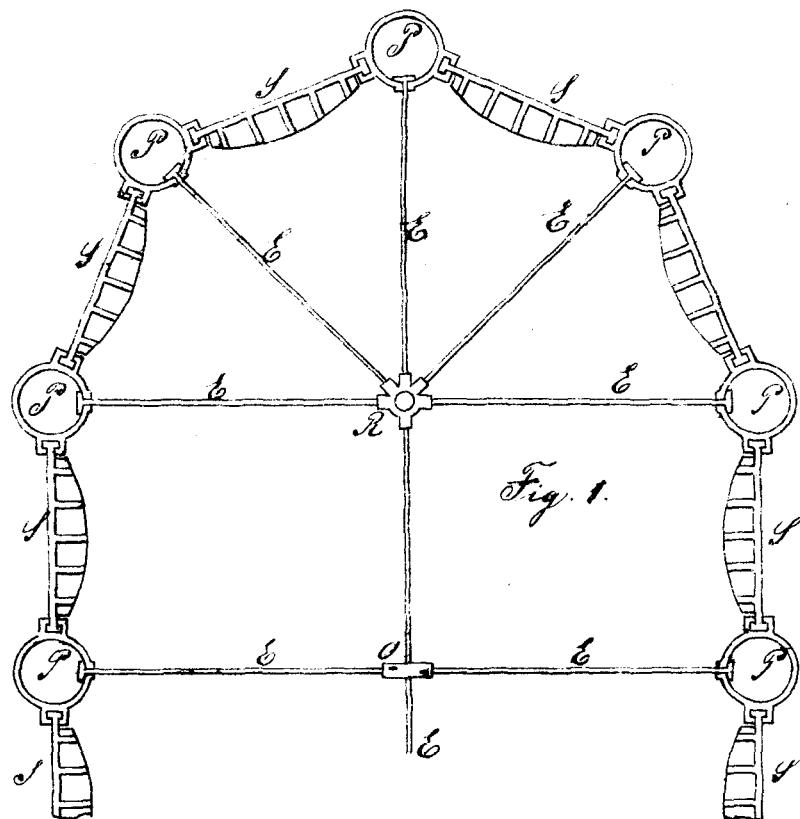


Fig. 1.

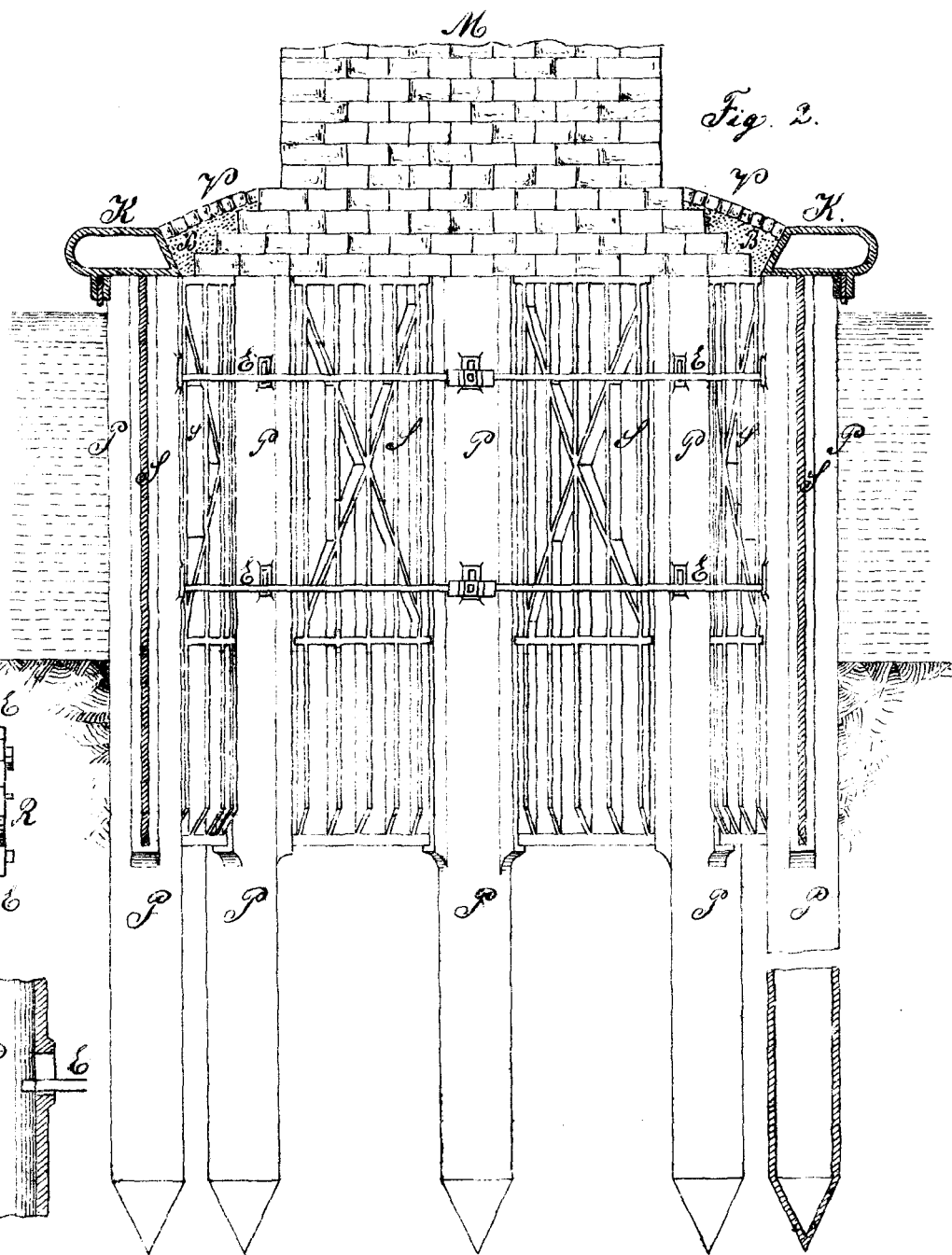


Fig. 2.

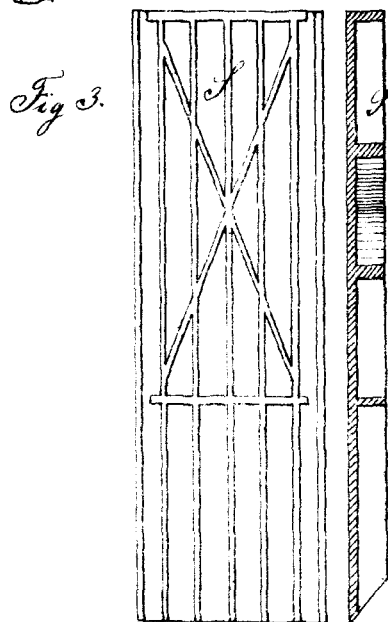


Fig. 3.

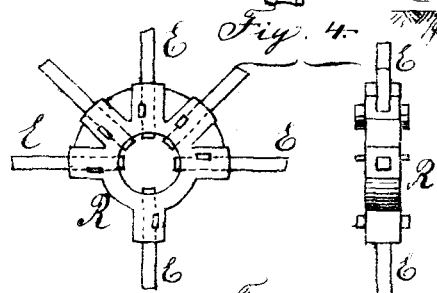


Fig. 4.

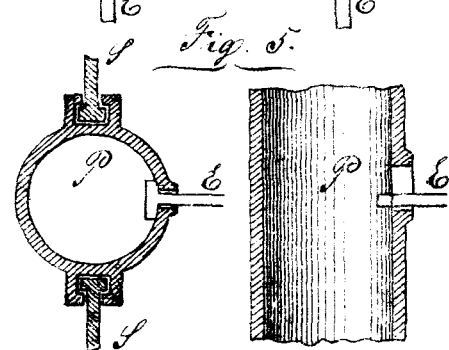


Fig. 5.

Hand-Bagger.

Fig. 1.

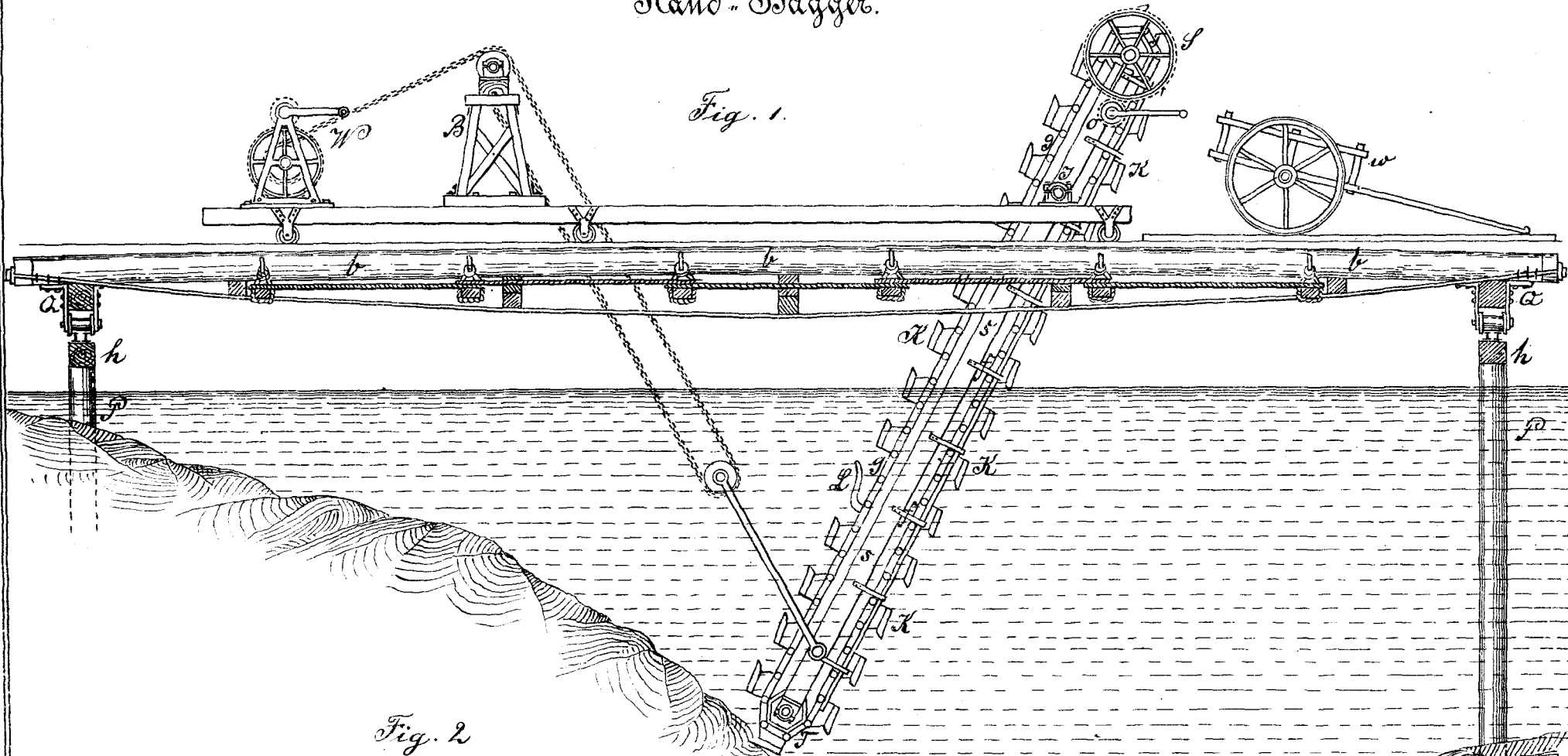


Fig. 2.

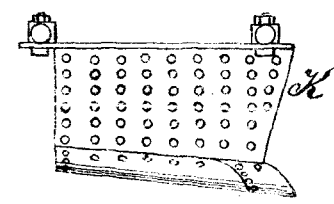
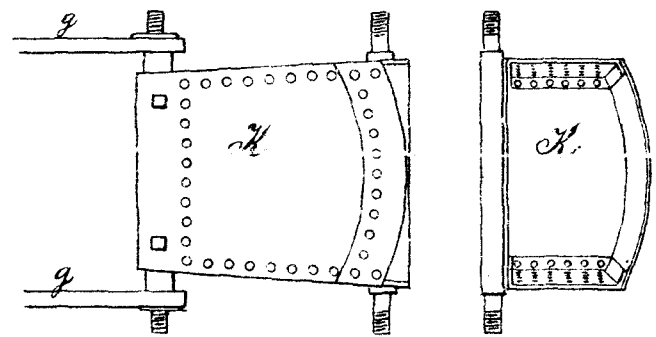
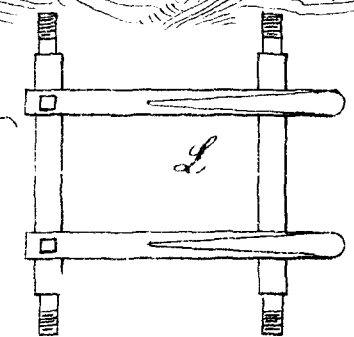
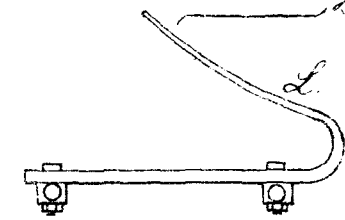


Fig. 3.



Gründungen auf Beton.

Fig. 1.

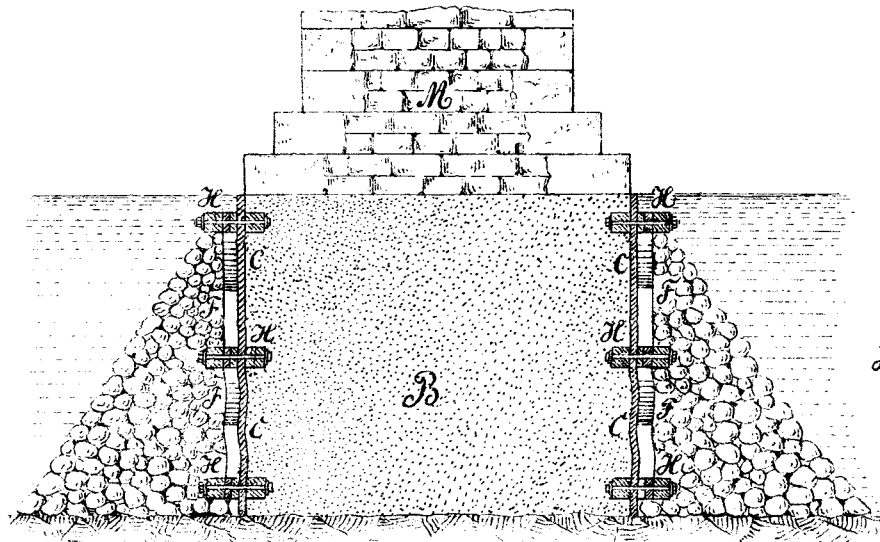


Fig. 2.

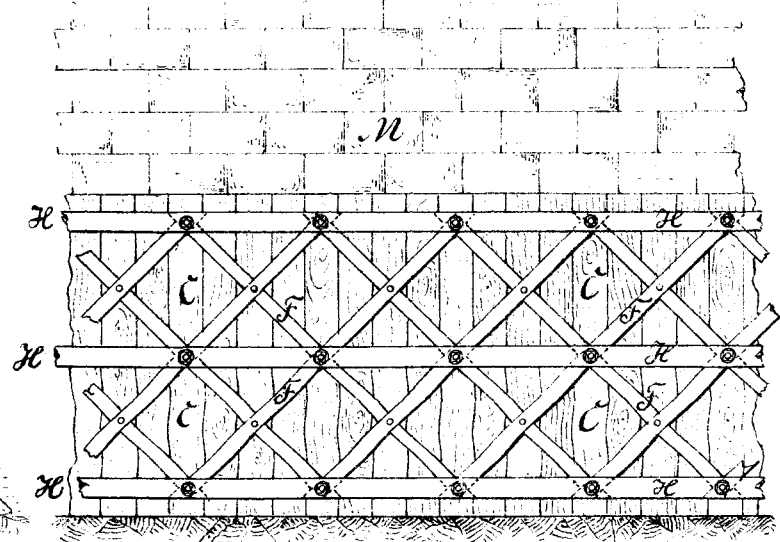
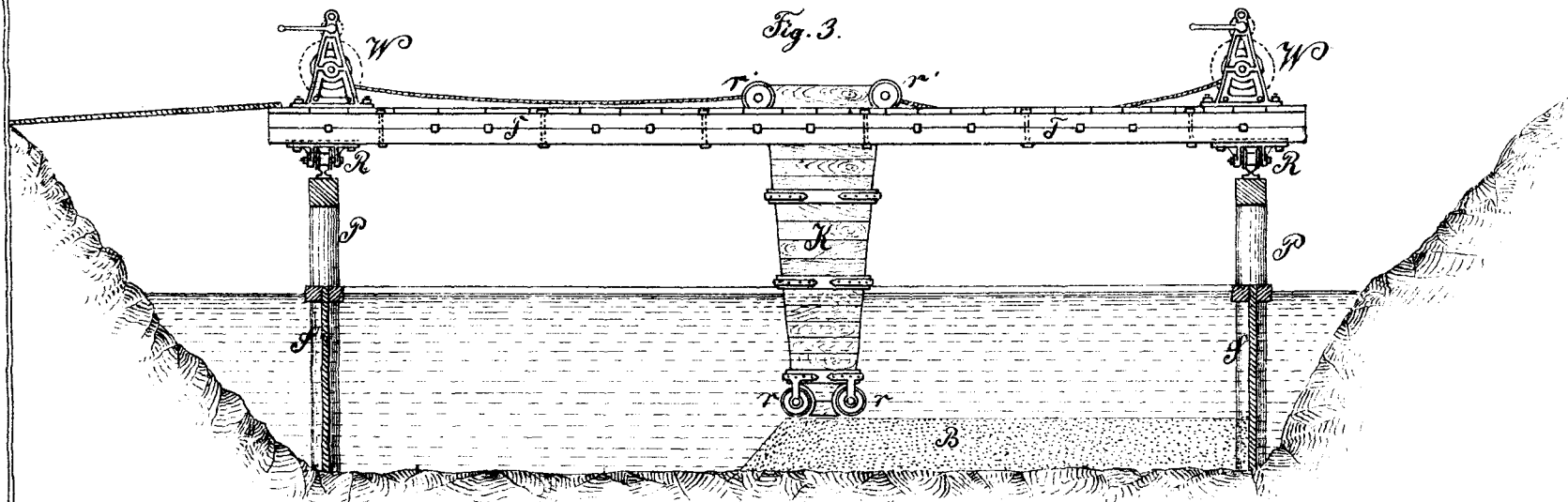
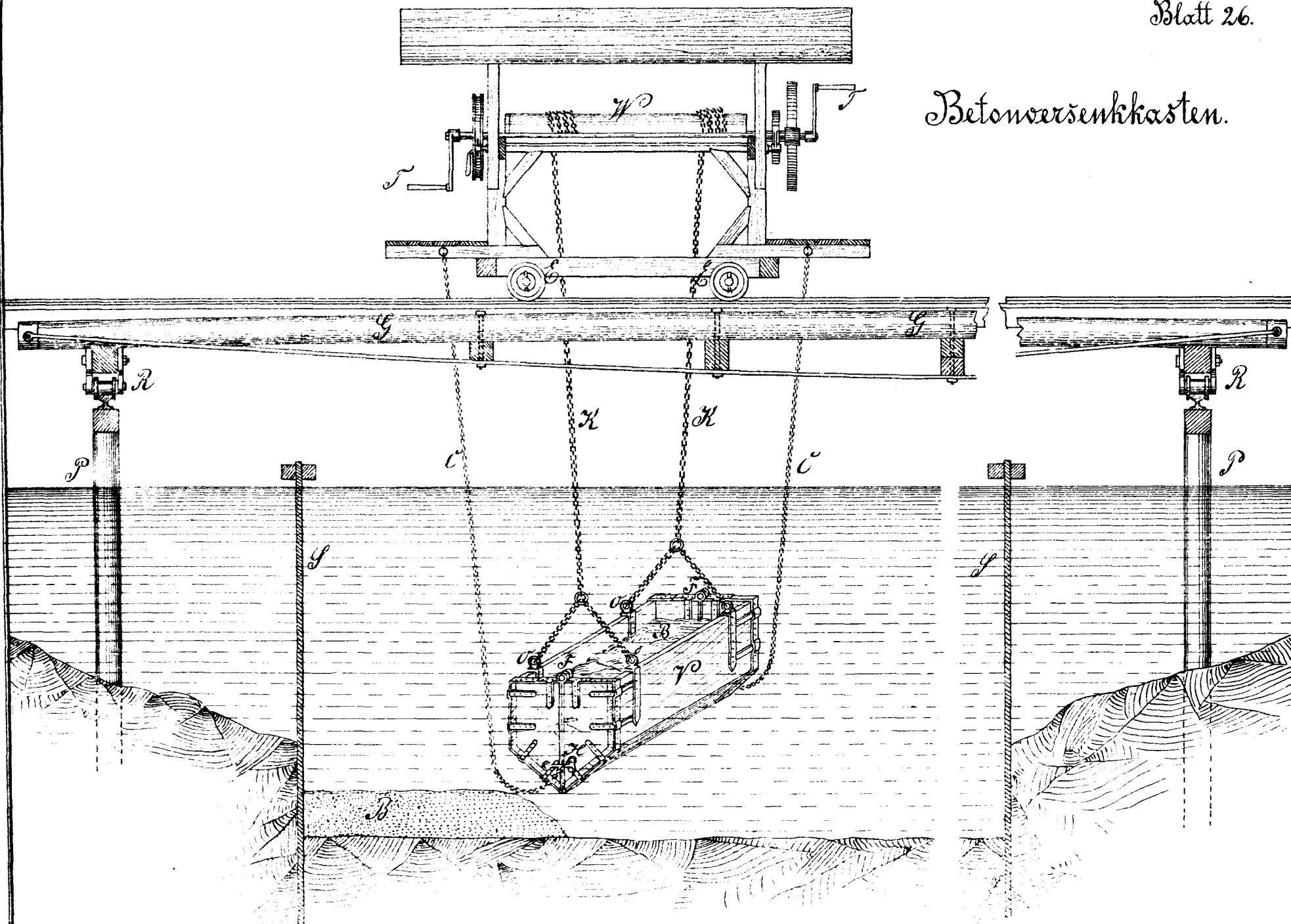


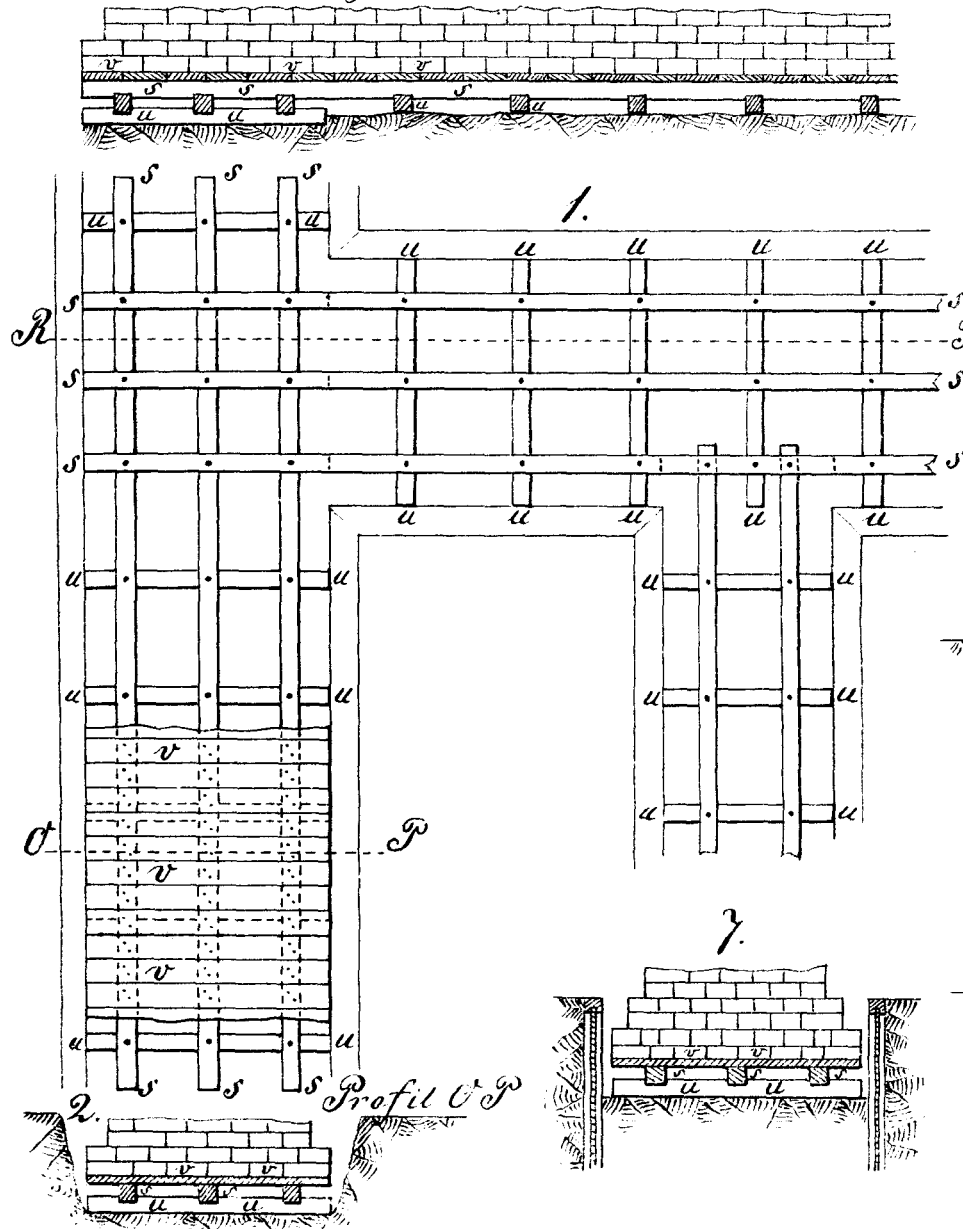
Fig. 3.



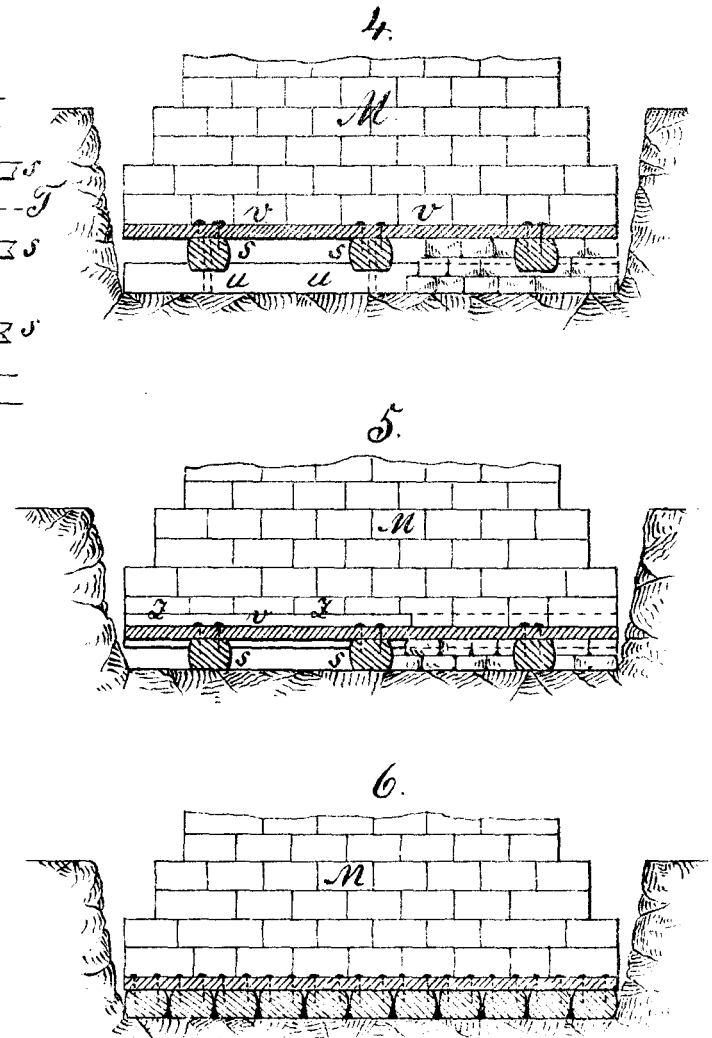
Betonversenkkasten.



3. Profil R T.



Schwellrost.



Eisengitter.

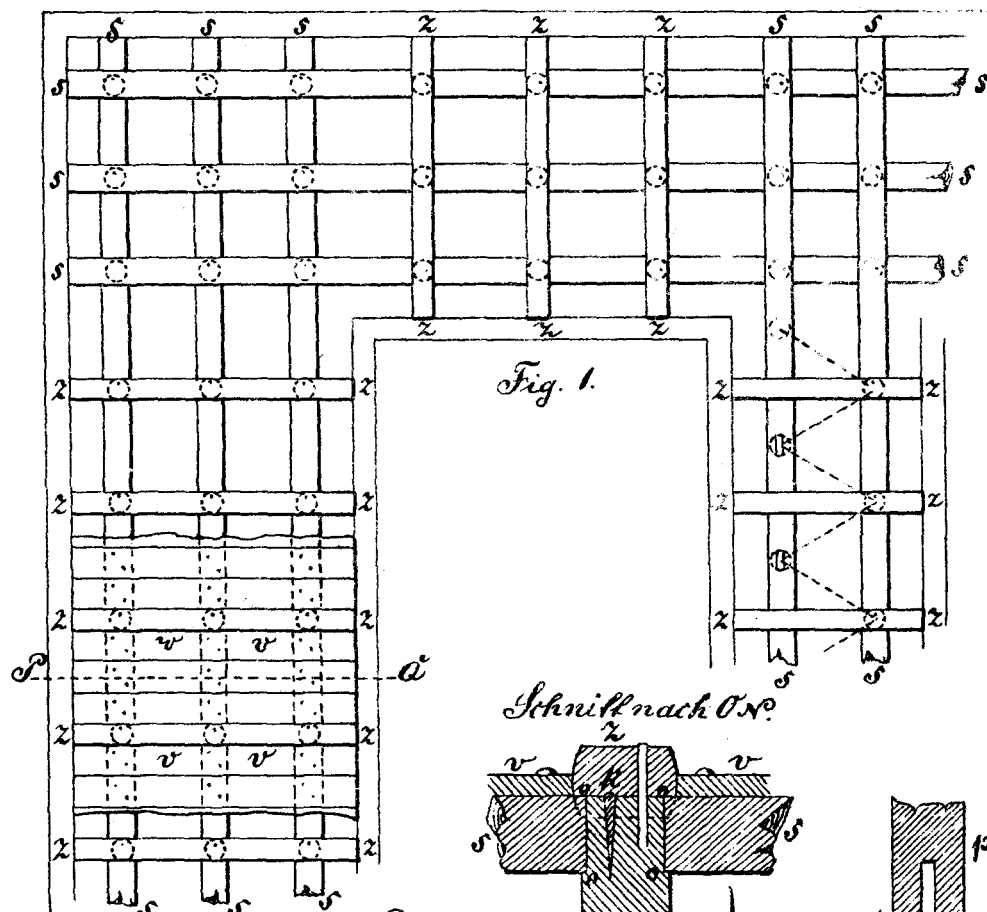
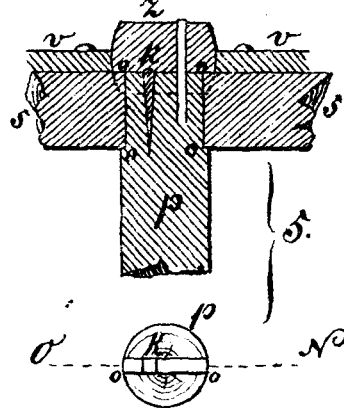


Fig. 1.

Schnitt nach O.N.



2. Schnitt nach P.A.

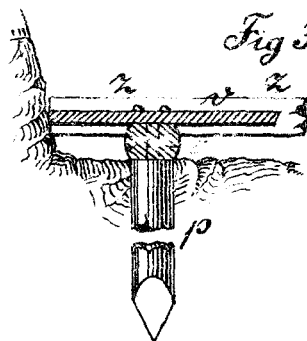
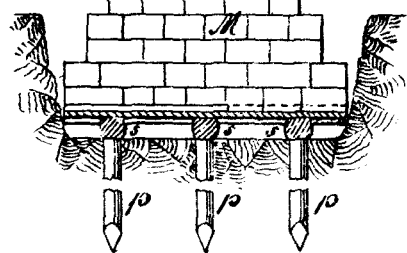


Fig. 3.

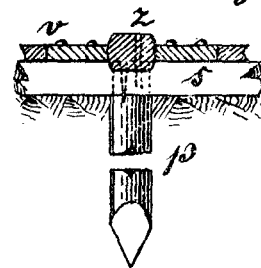
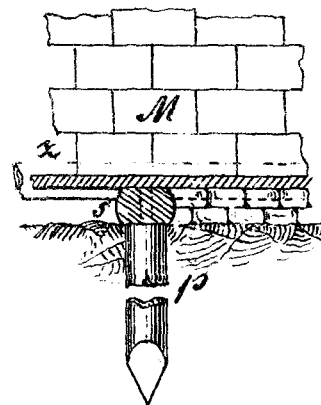
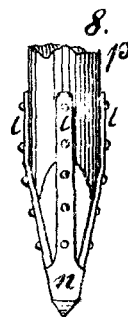
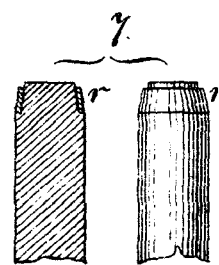
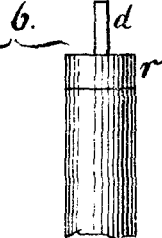
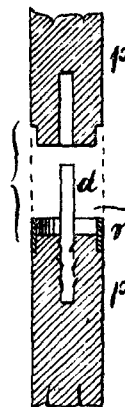
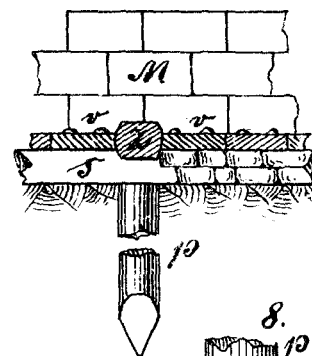


Fig. 4.

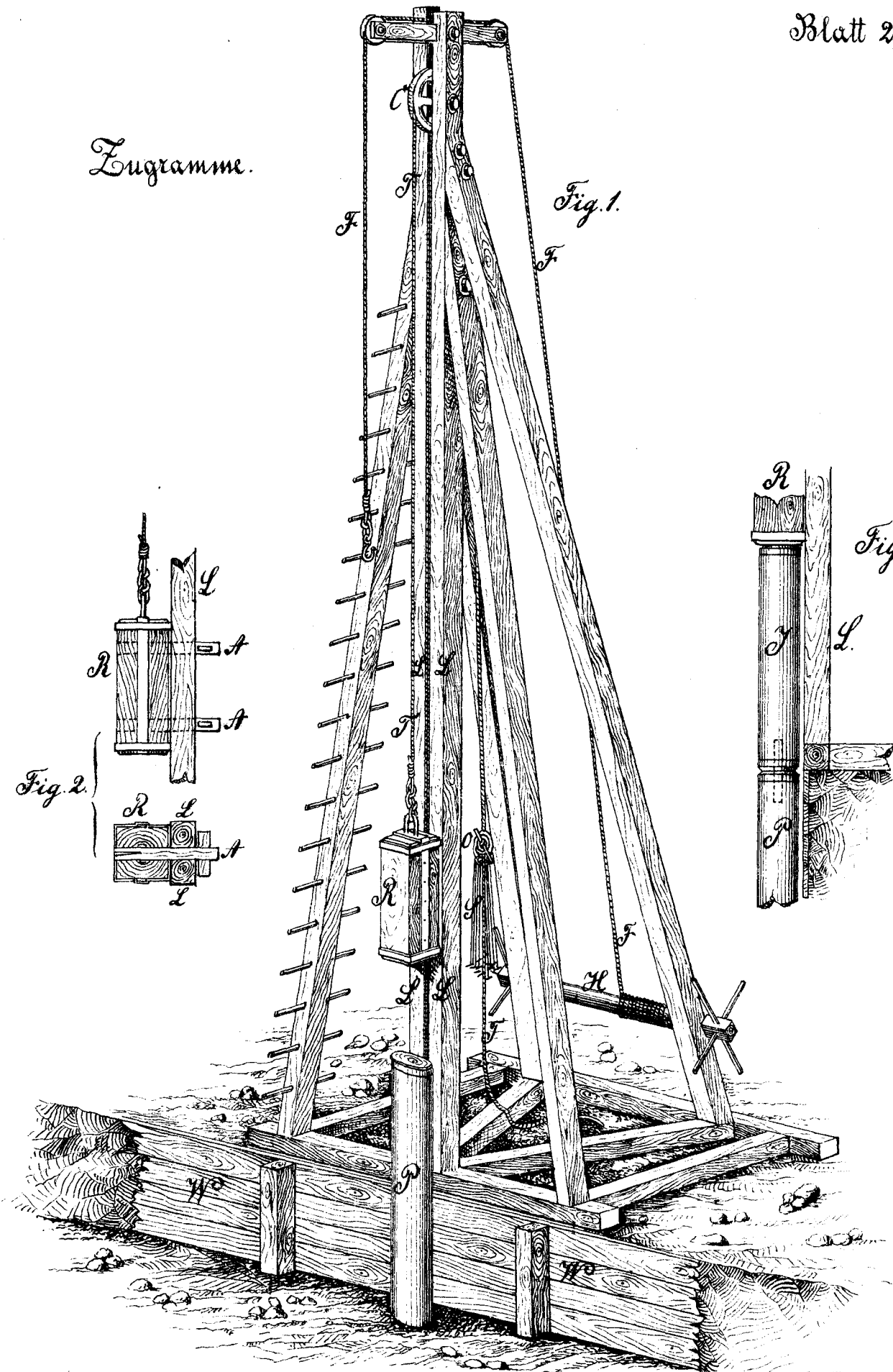


Zugramme.

Fig. 1.

Fig. 3.

Fig. 2.



Kunstramme.

Fig. 2.

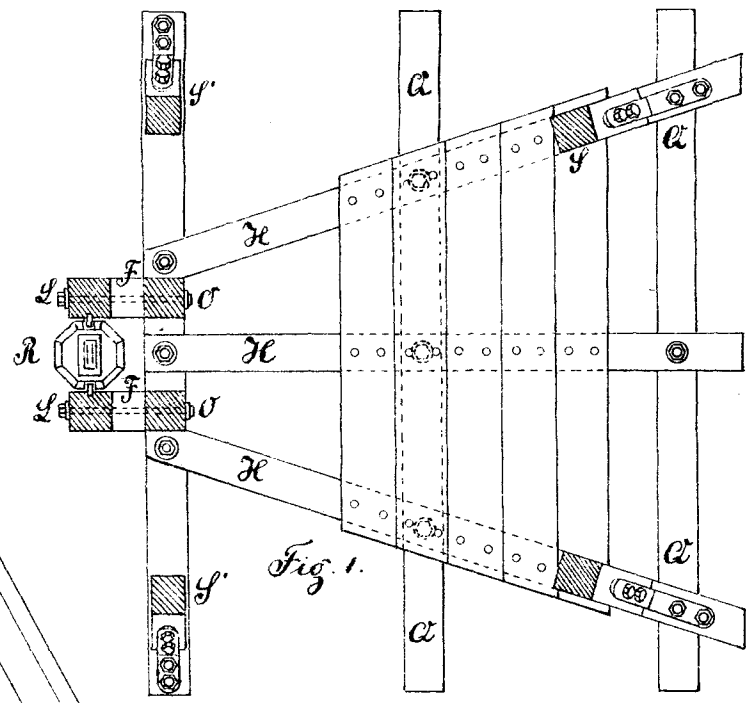
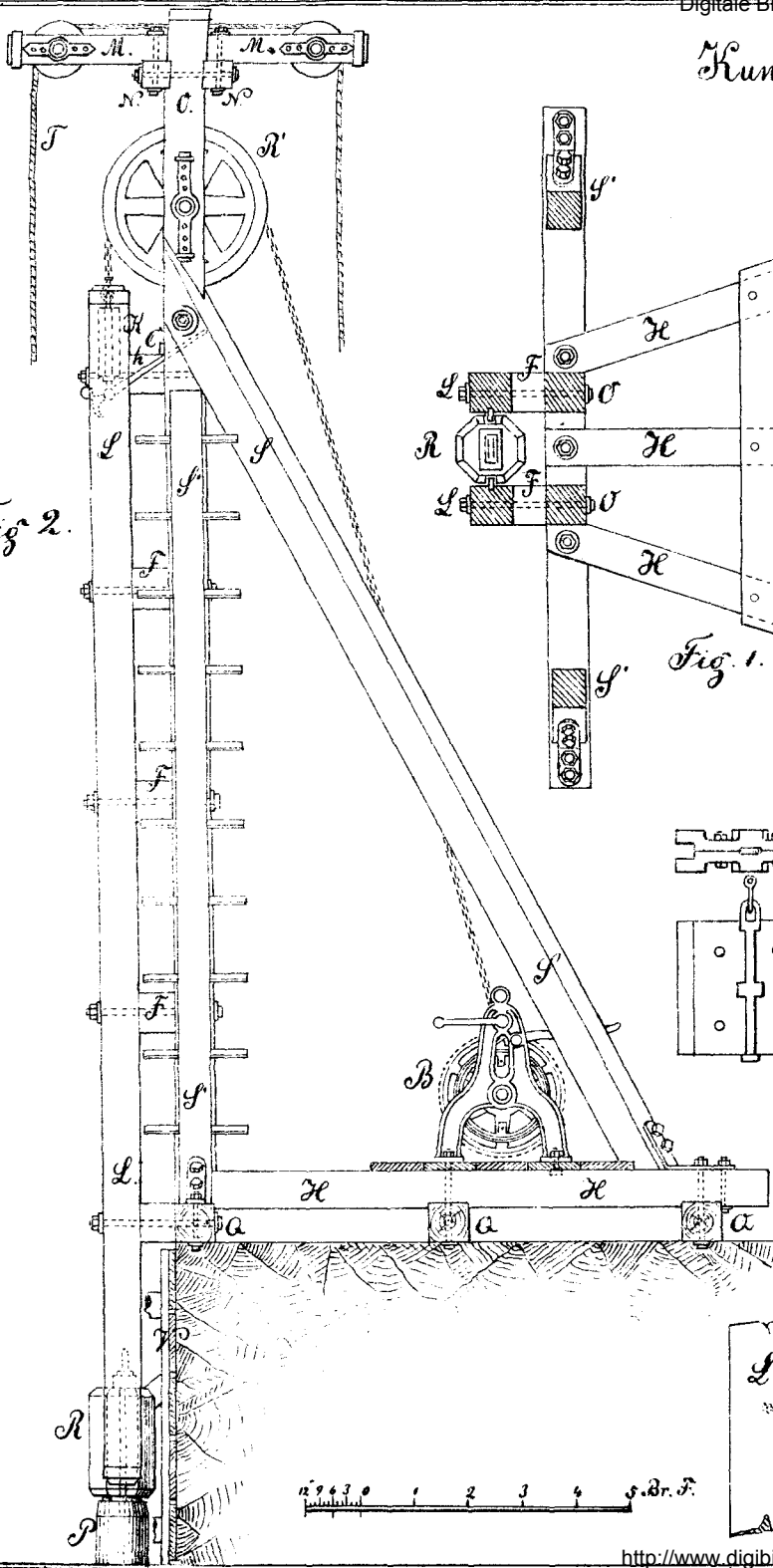


Fig. 1.

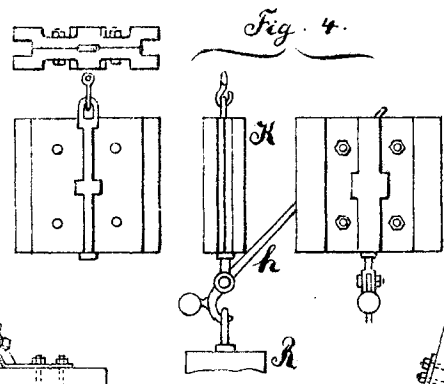


Fig. 4.

Fig. 5.

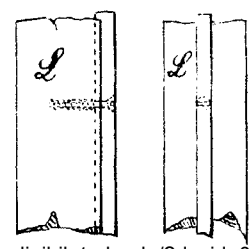
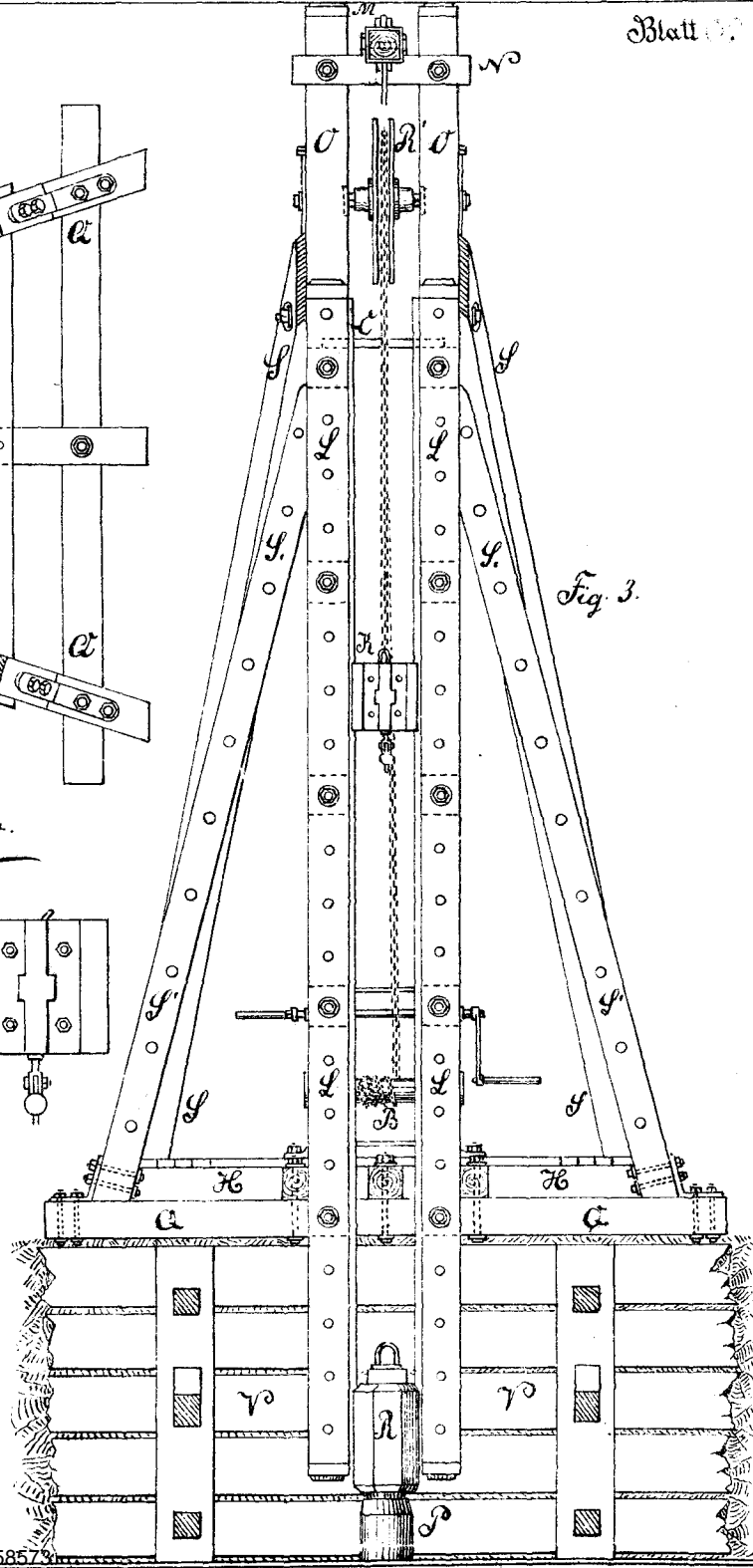


Fig. 3.



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

Dampframme.

1.

Fig. 1.

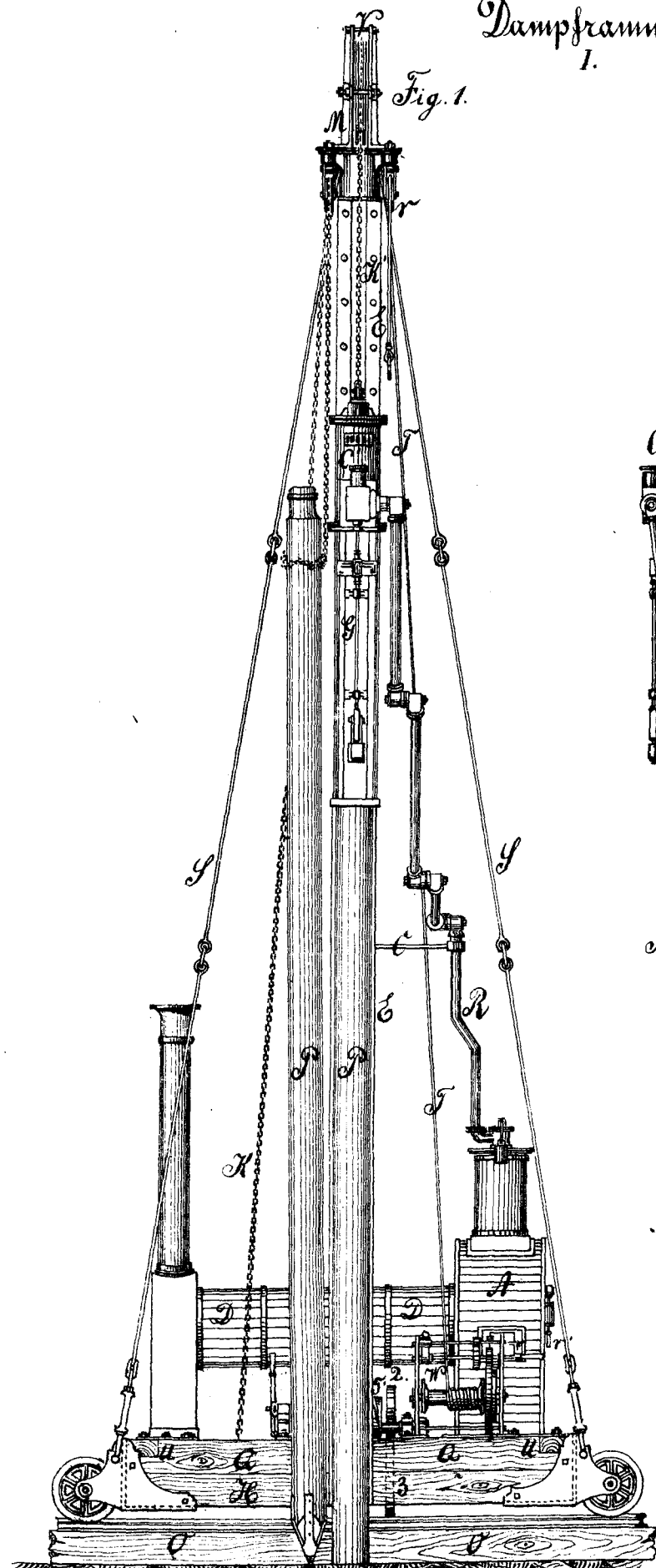
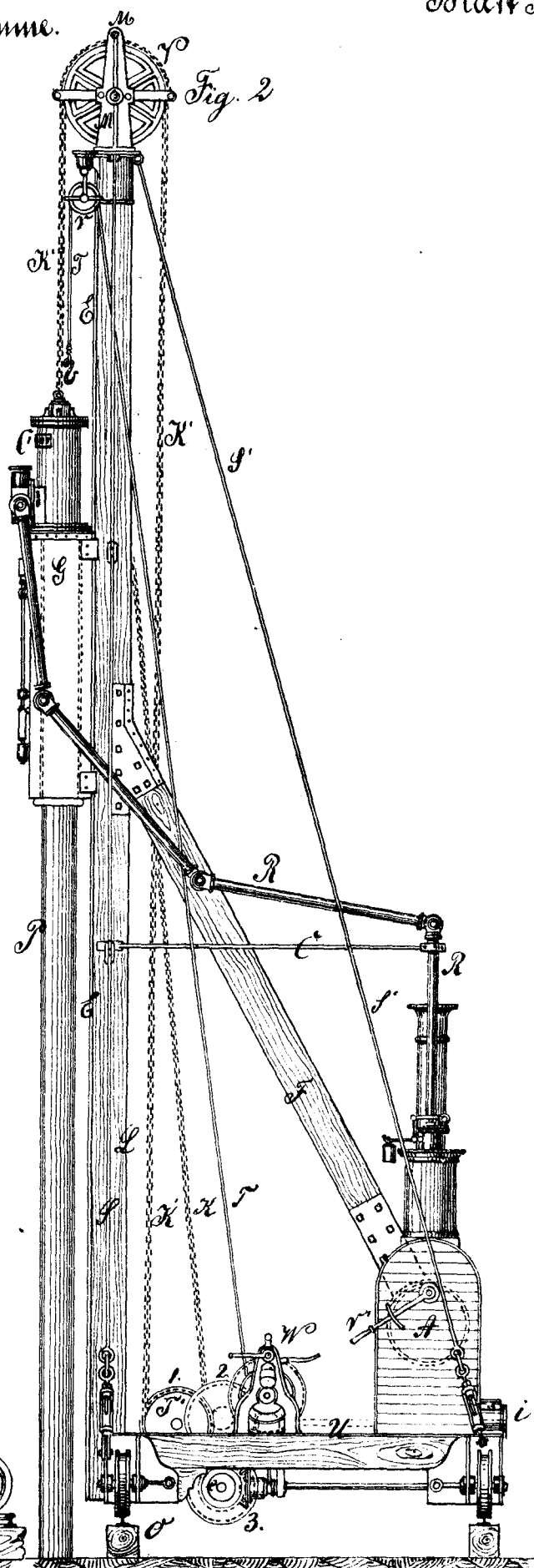


Fig. 2



12" 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 Engl. Fujs.

Dampfmaschine.

II.

Fig. 3.

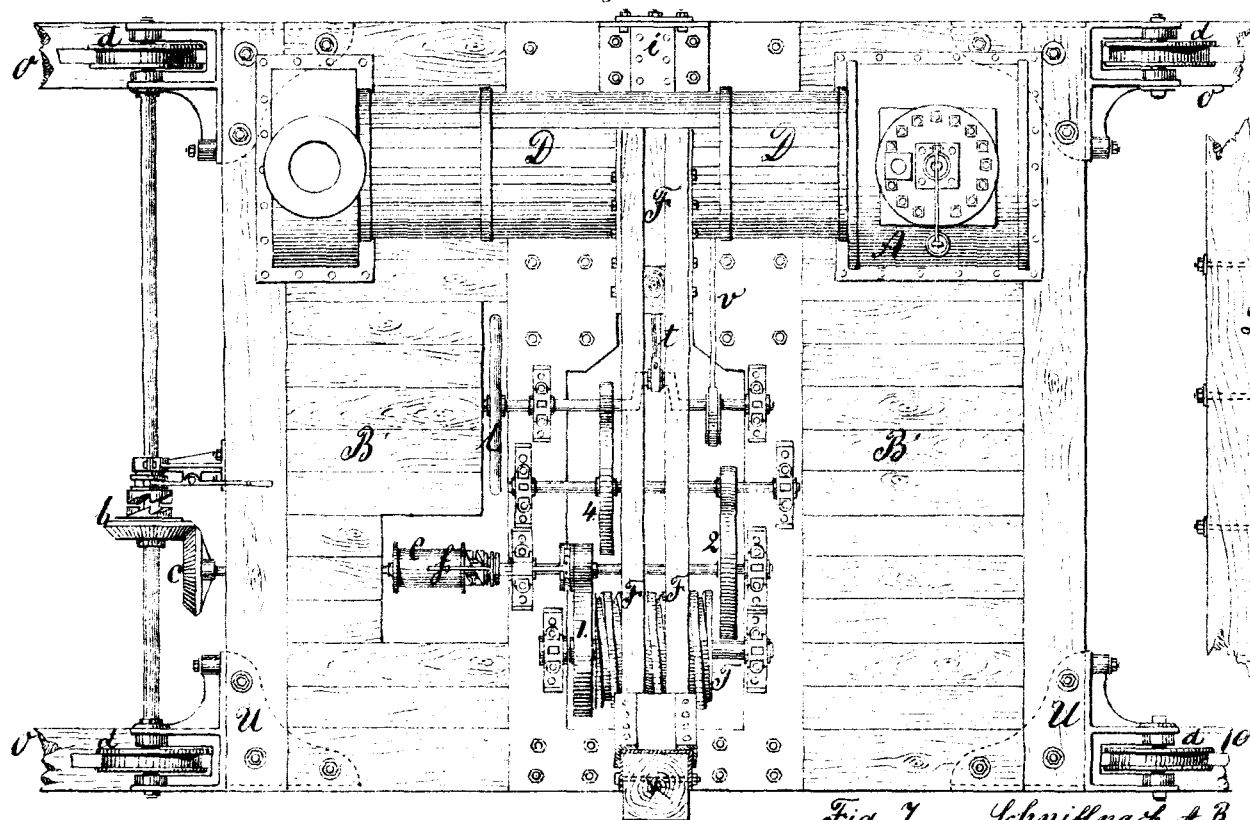


Fig. 7. Schnitt nach A-B.

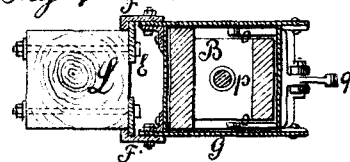


Fig. 4.

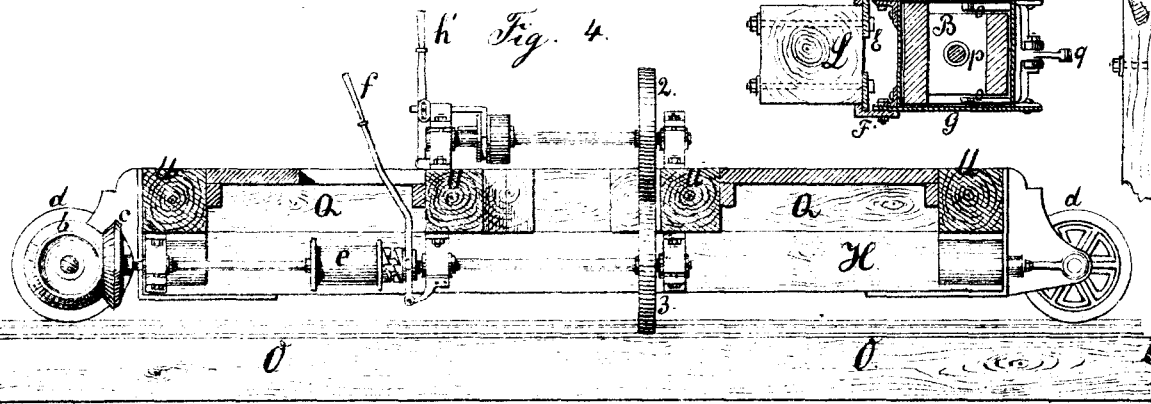


Fig. 5.

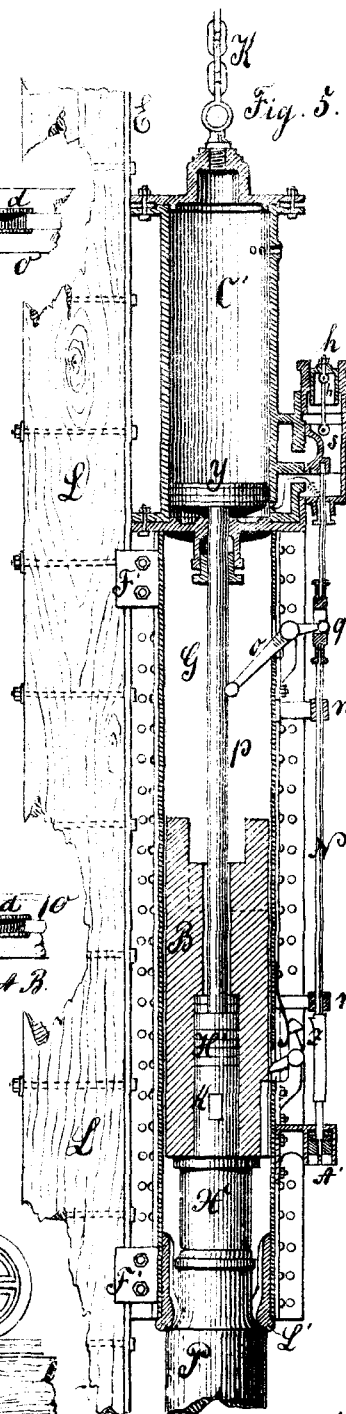
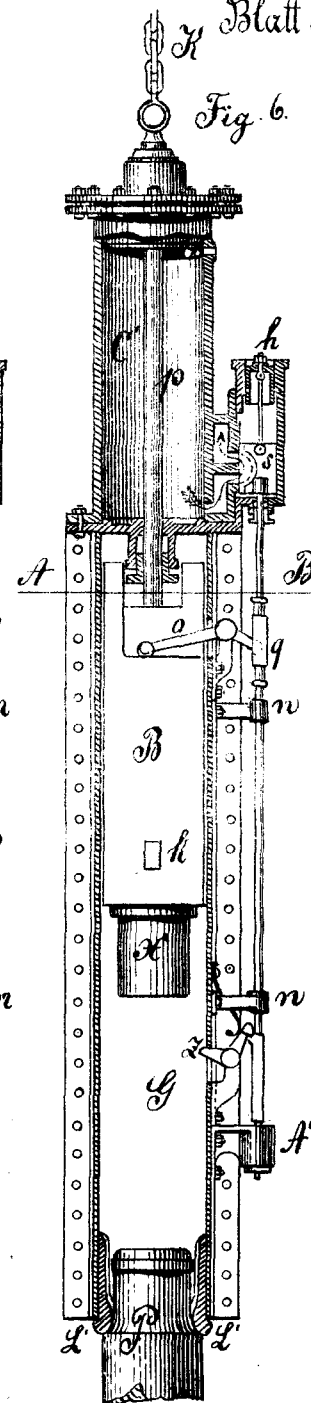


Fig. 6.

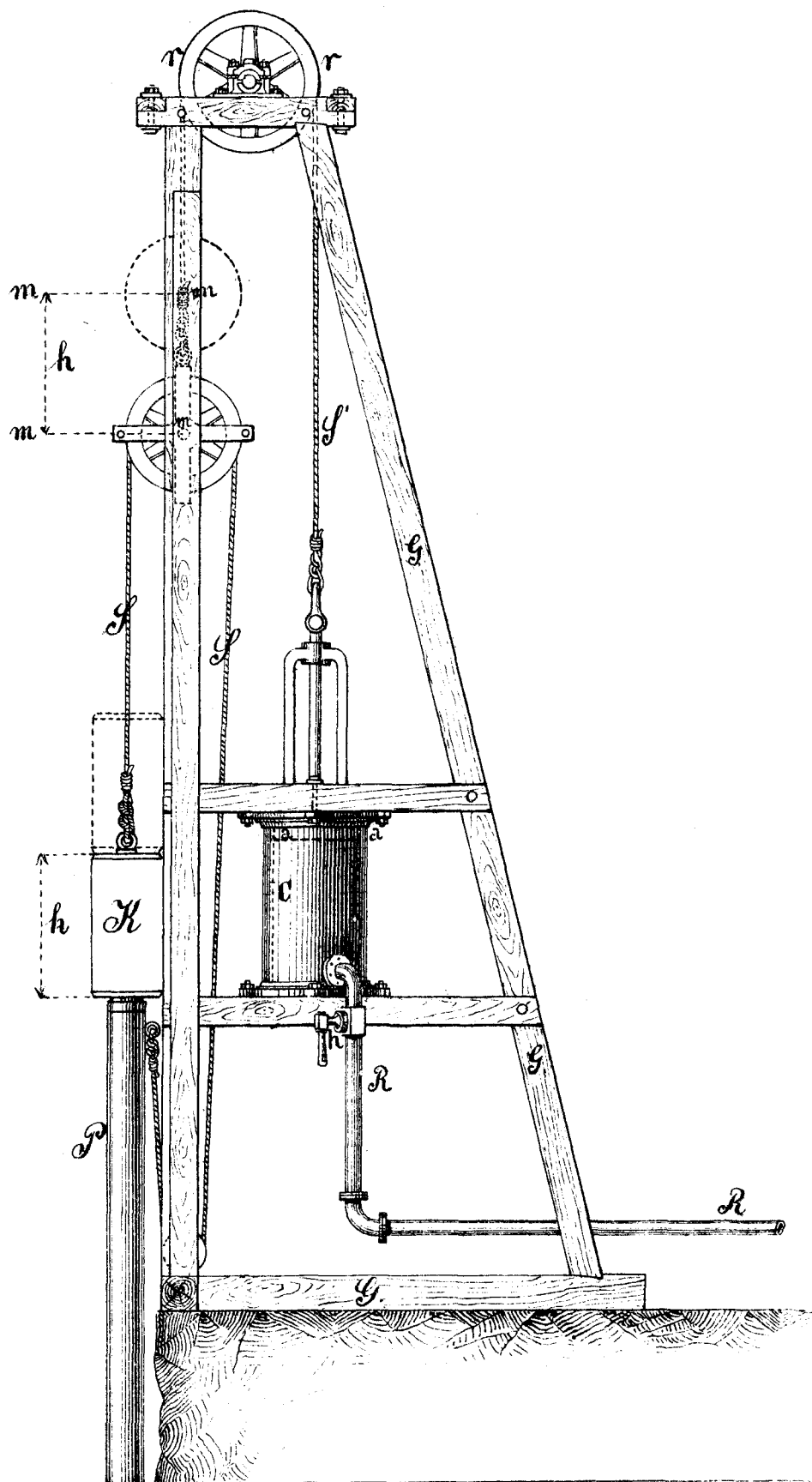


Zu Fig. 3 u. 4. 12 6 0 1 2 3 4 5 6 7 8 Engl. F.

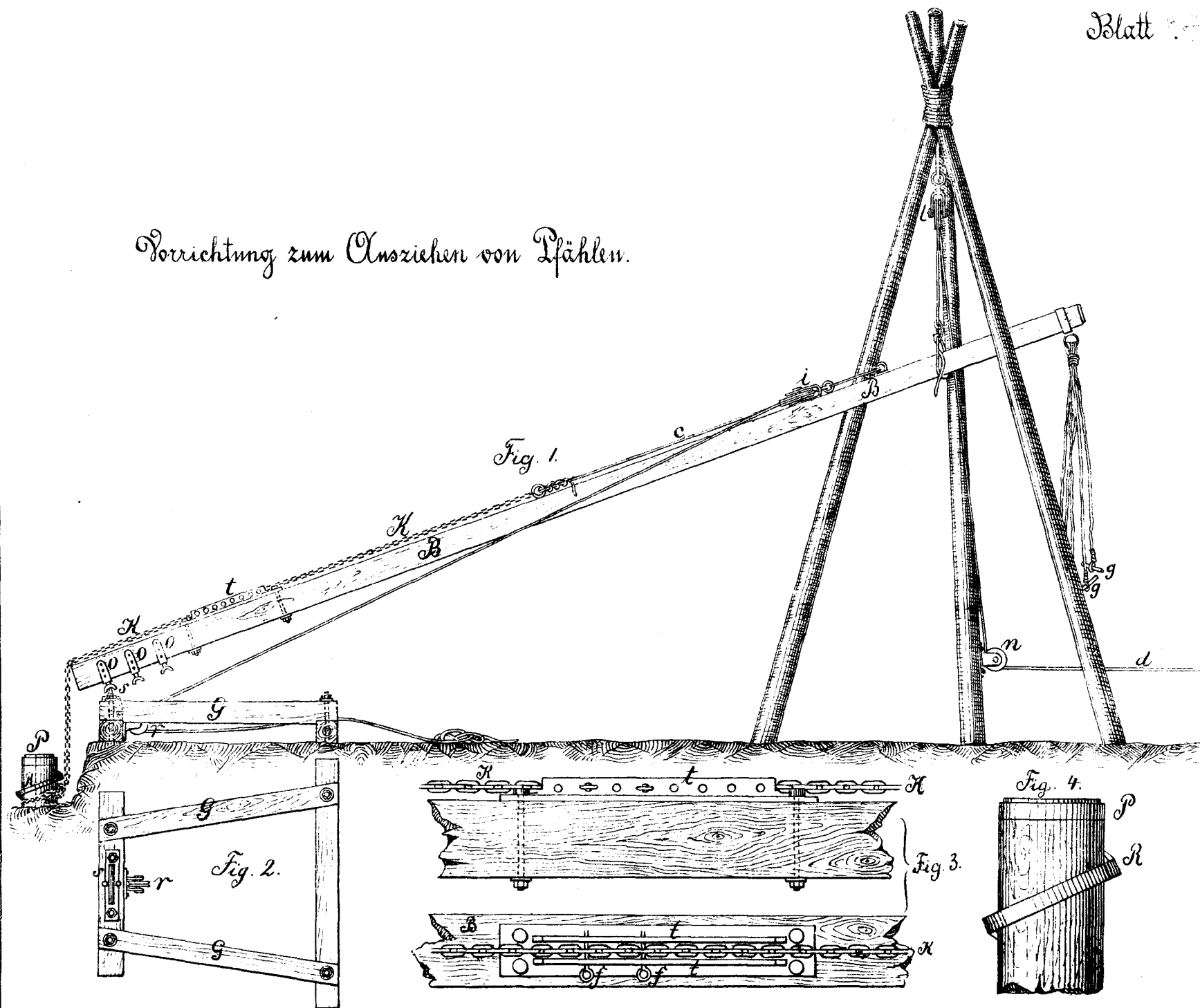
Zu Fig. 5, 6 u. 7.

12 6 0 1 2 3 4 5 Engl. F.

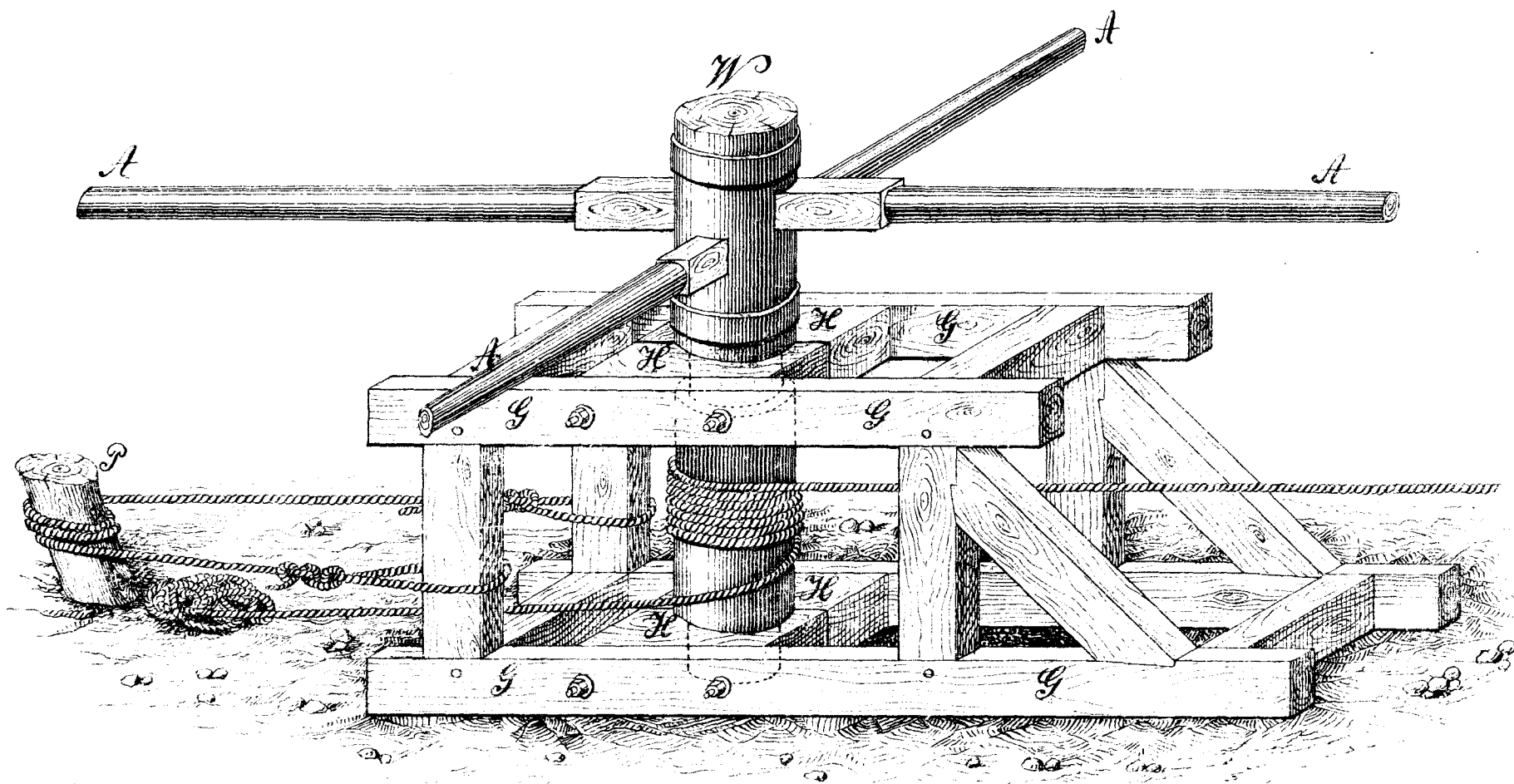
Atmosphärische Kräfte.

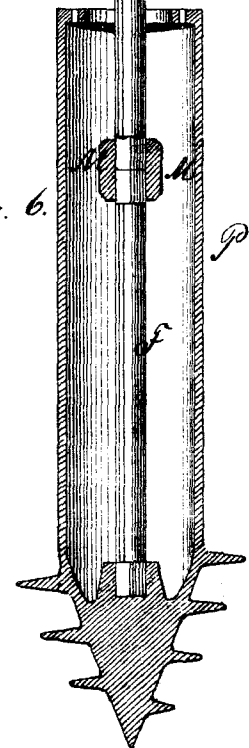
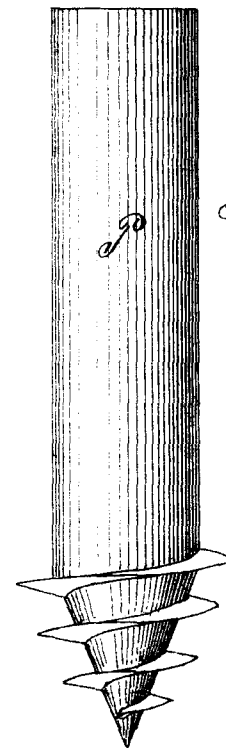
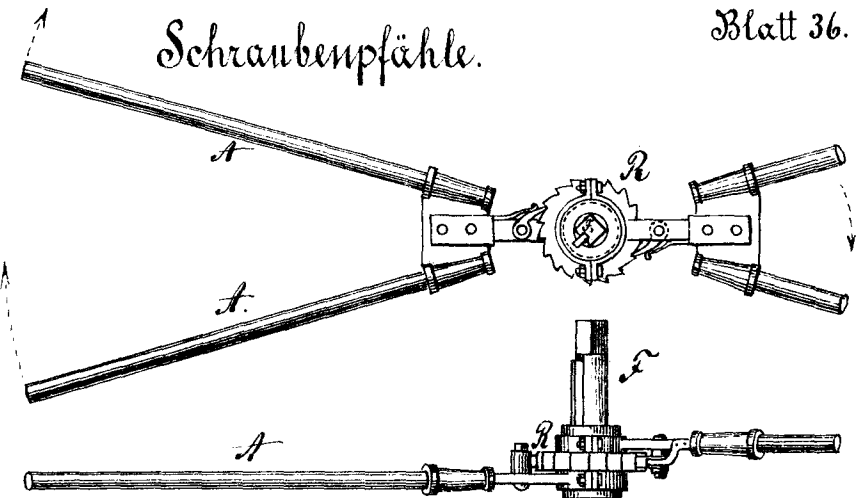
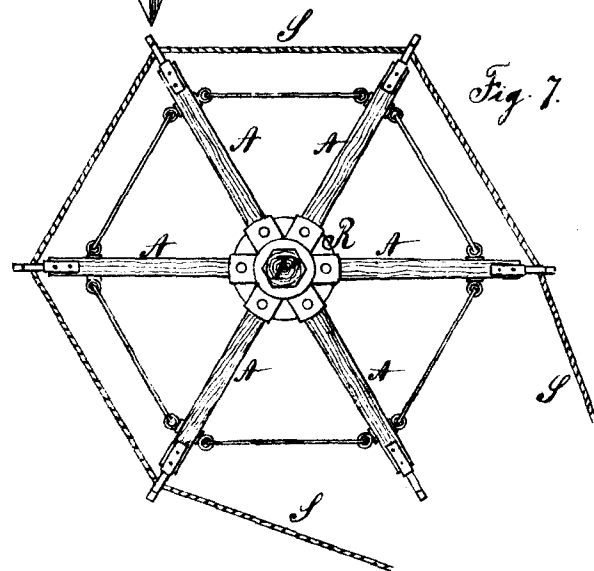
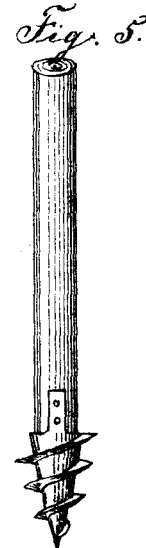
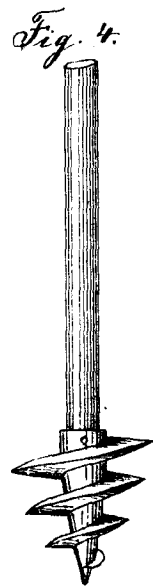
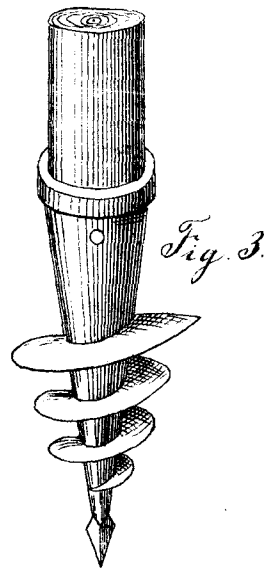
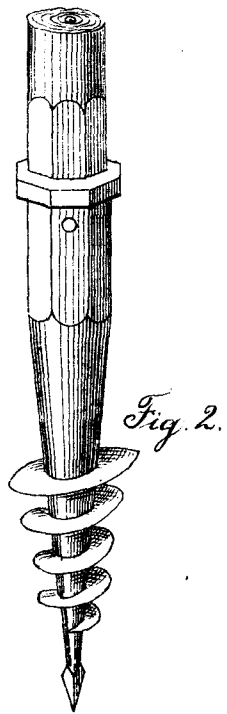
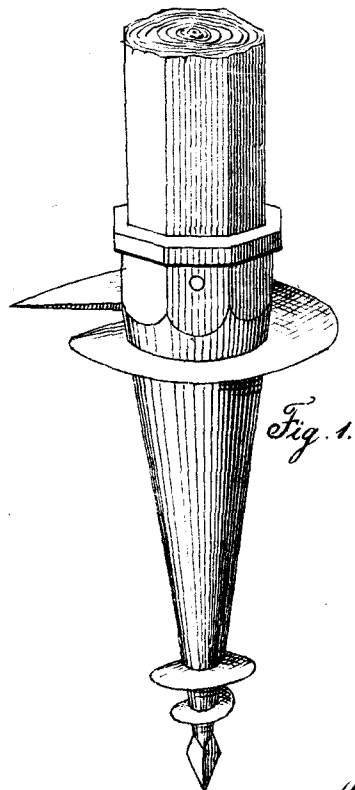


Vorrichtung zum Anziehen von Pfählen.



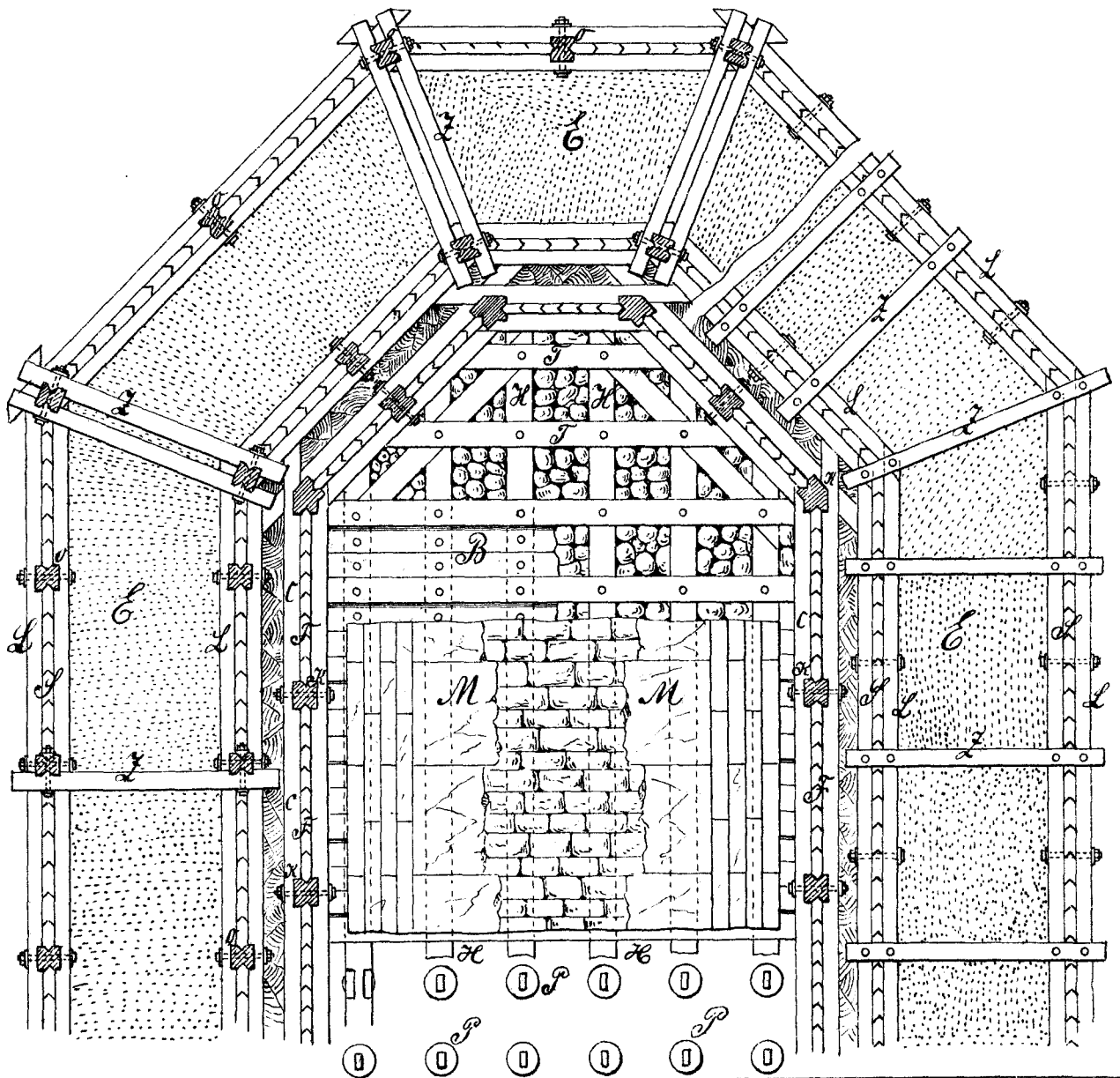
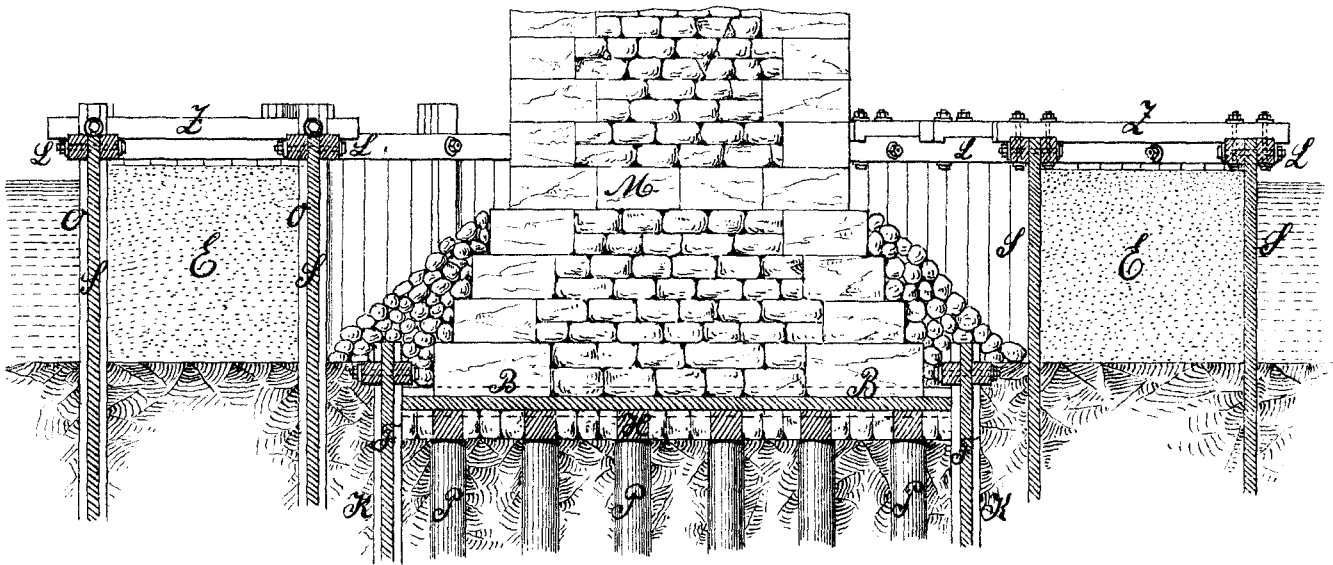
Erdrwinde.



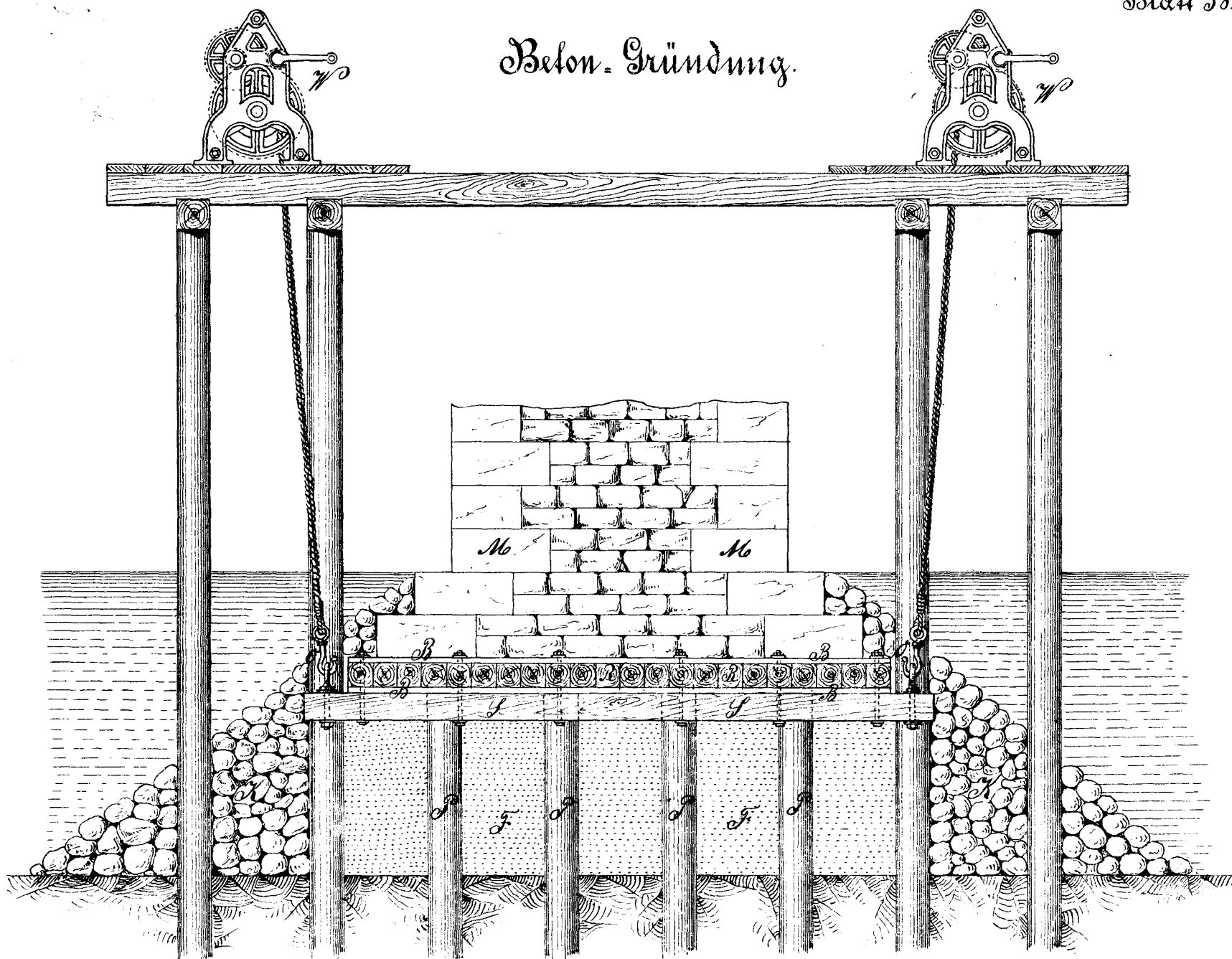


Fangdamm.

Blatt 37.

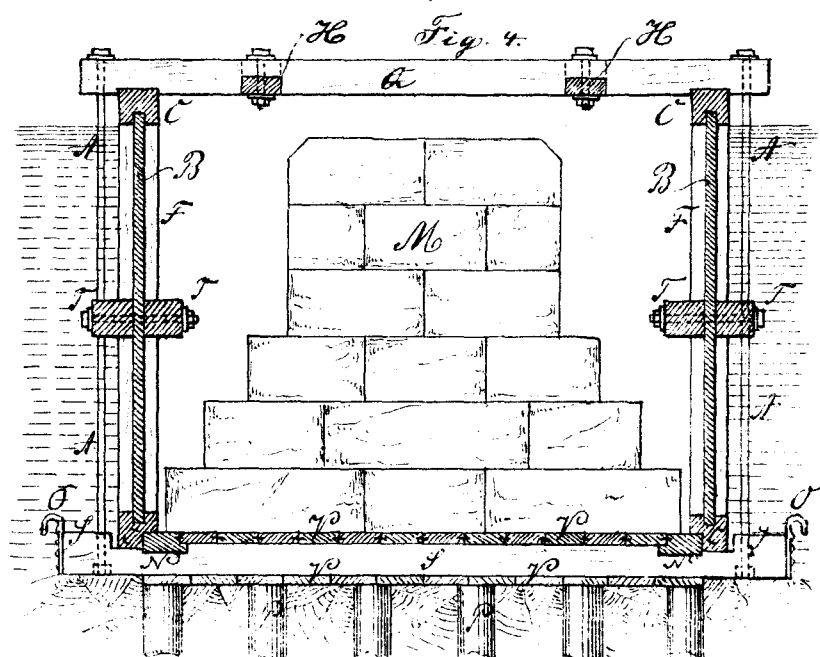
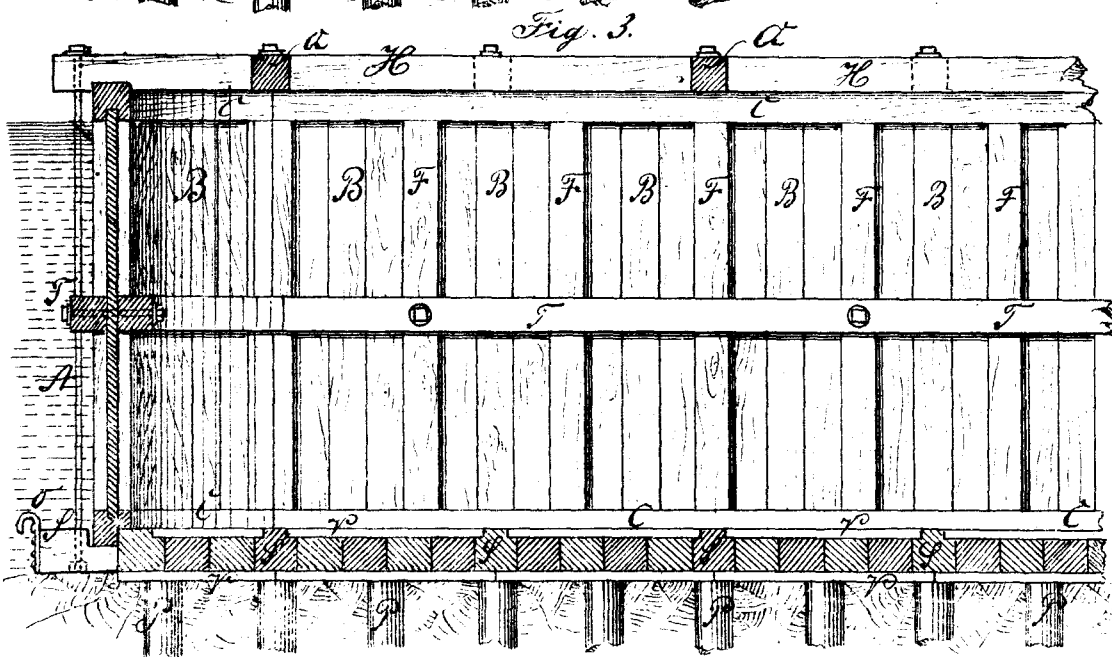
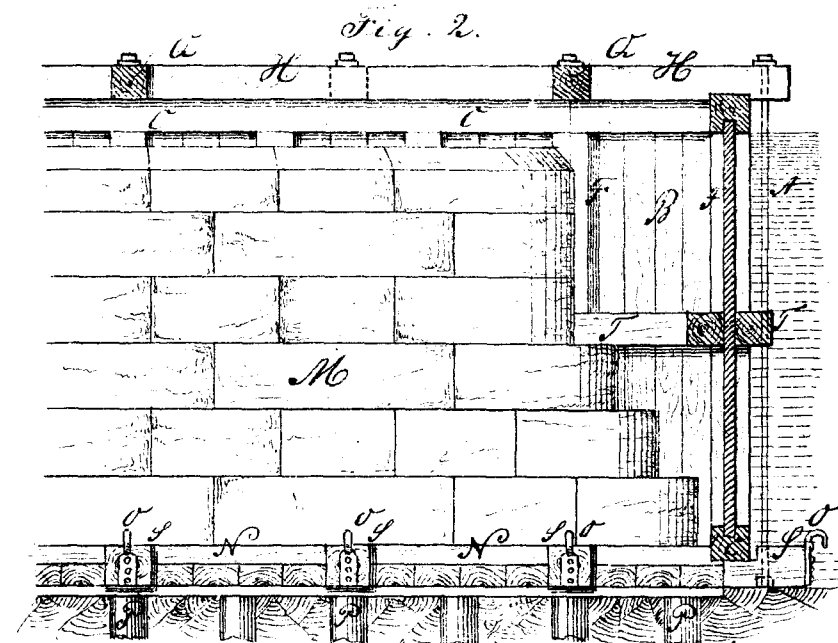
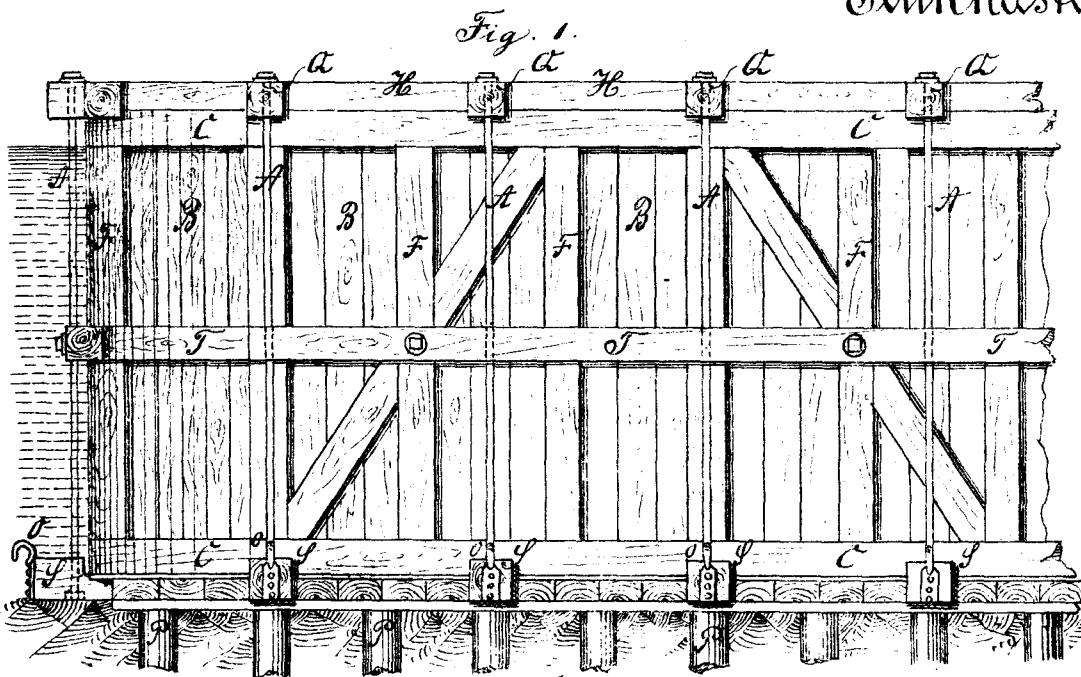


Beton-Gründung.



Senkkasten.

Blatt 40.



Gründung eines Flusspfeilers.

Fig. 1.

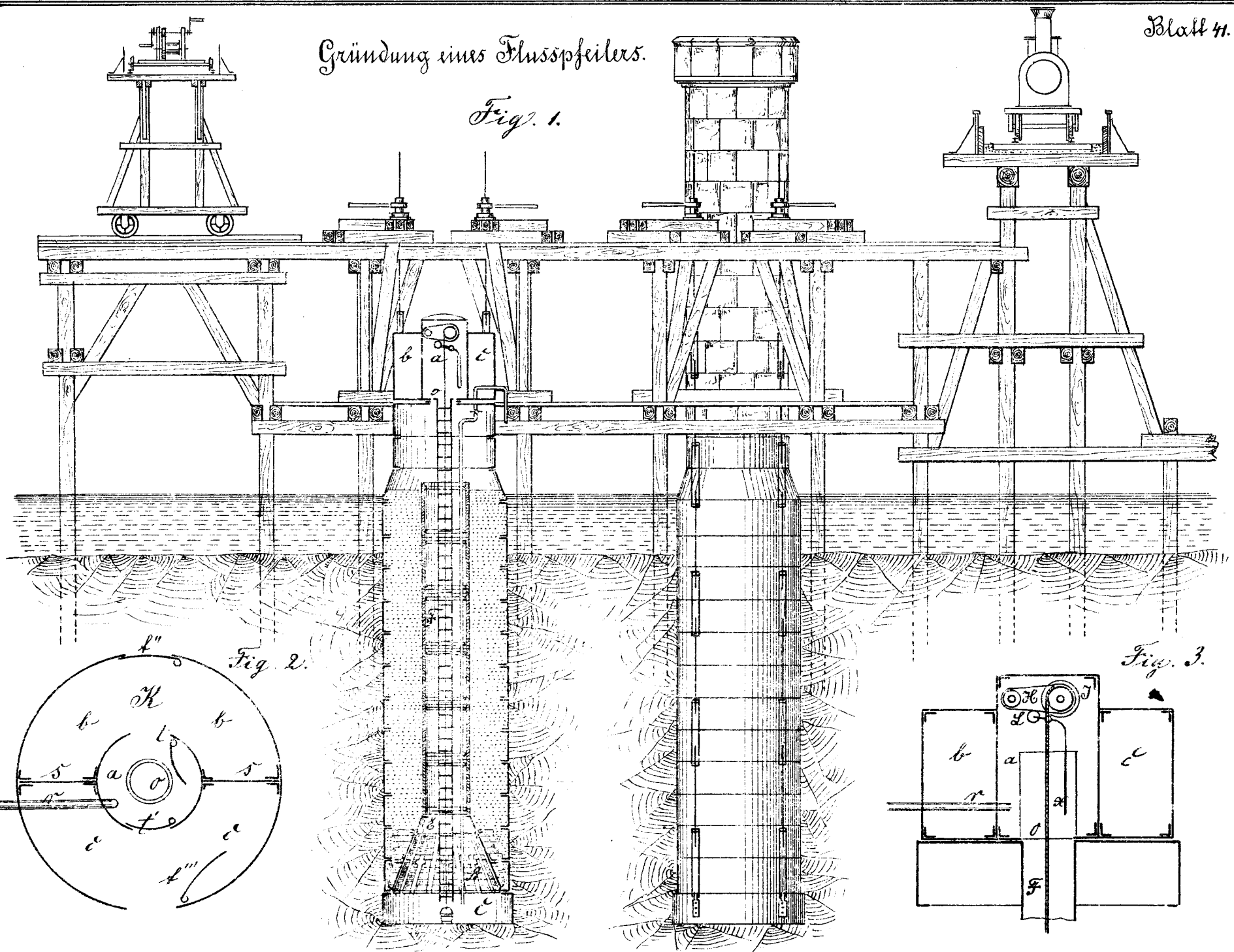


Fig. 1.

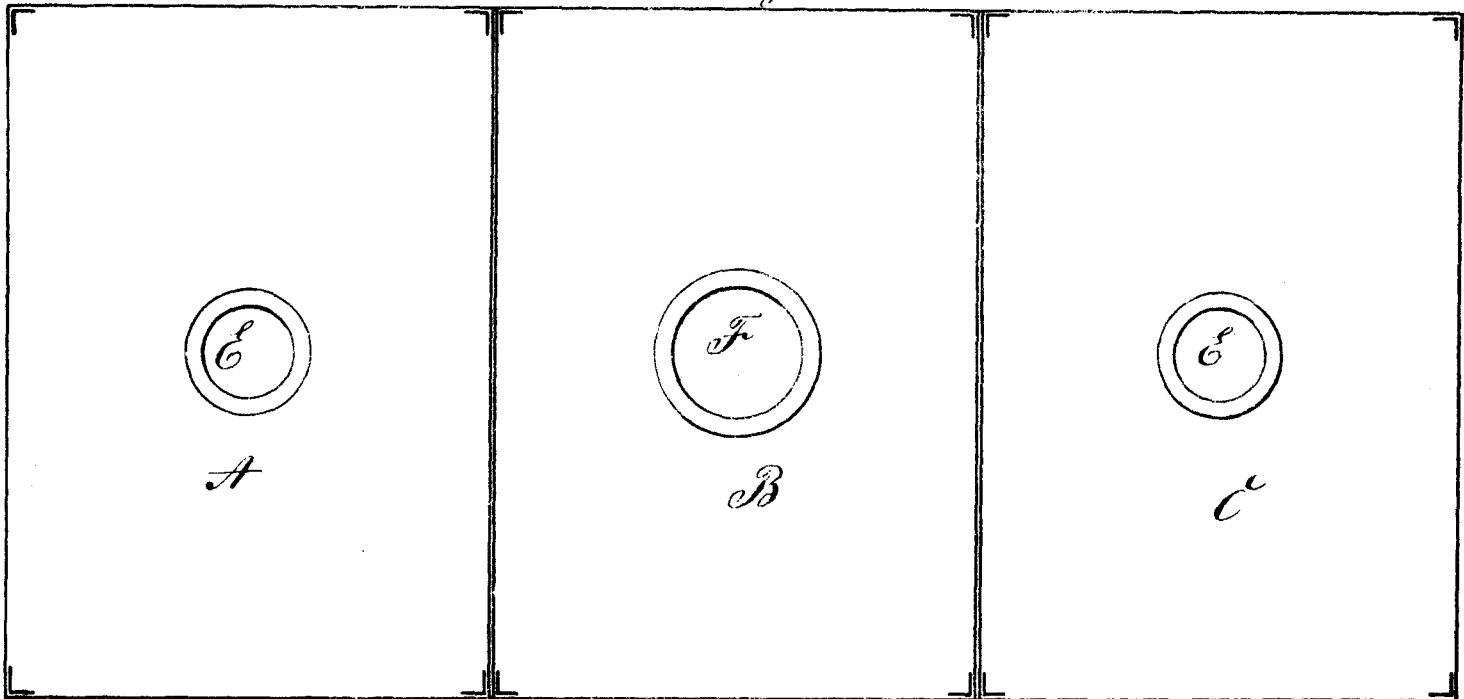


Fig. 2.

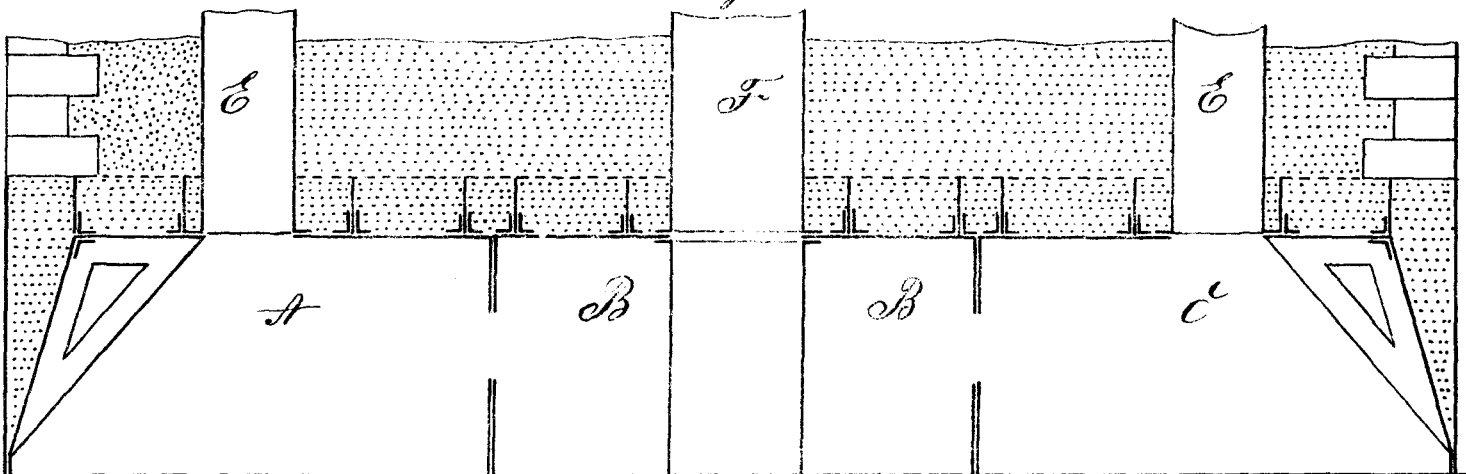
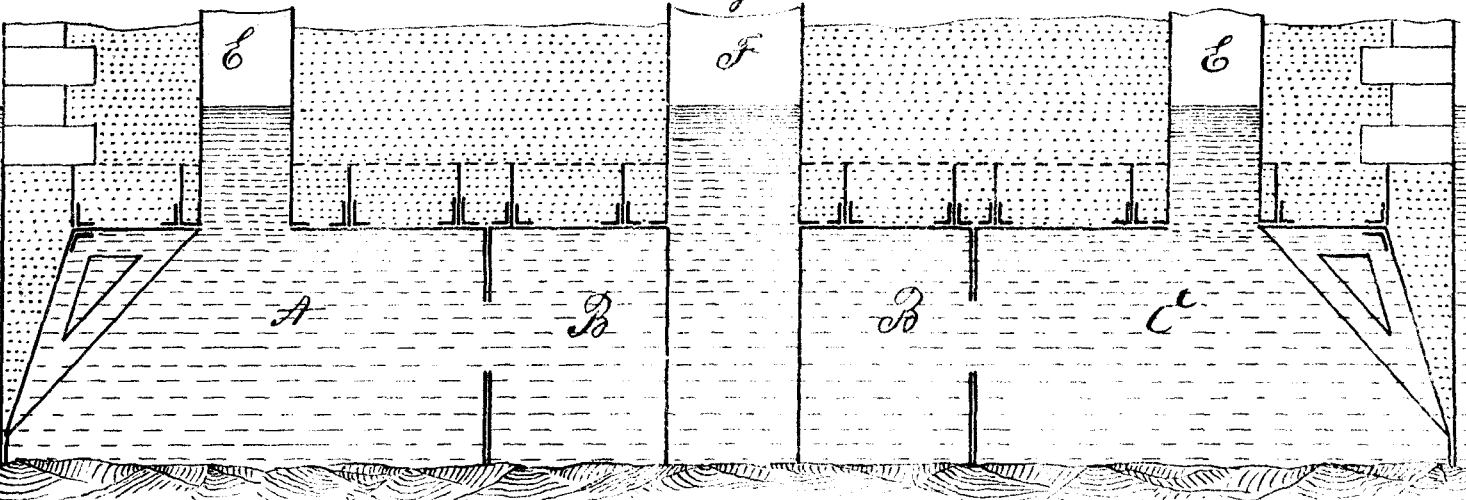
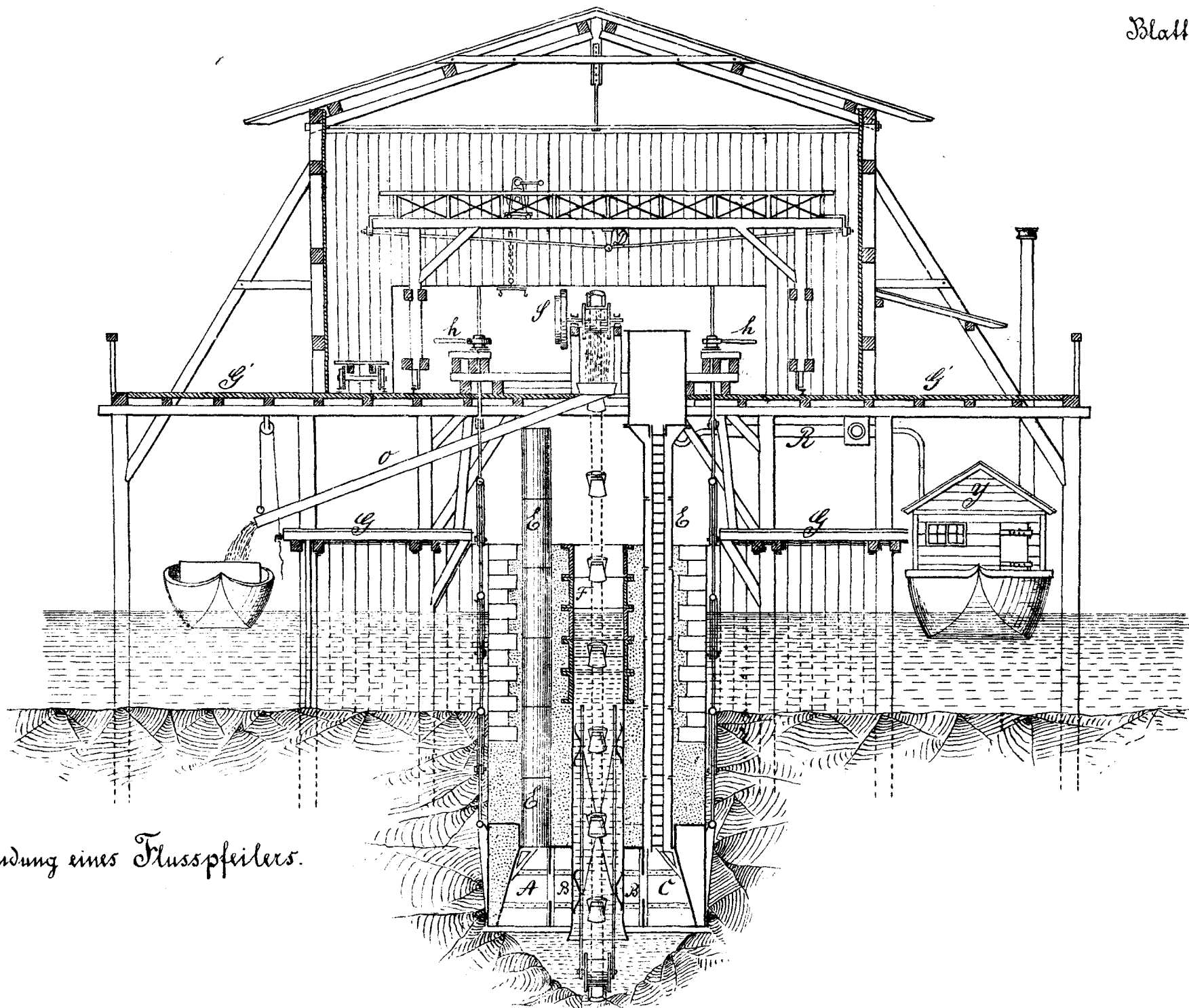


Fig. 3.





Gründung eines Flusspfeilers.